

Season	Internal ID	Grower City	Grower County	Grower State	Latitude
2018	295949	AMSTERDAM	BATES	MO	
2018	297496	SALEM	RICHARDSON	NE	
2018	300348	WATSON	ATCHISON	MO	
2018	297098	IDALOU	LUBBOCK	TX	
2018	300916	LEEDS	BENSON	ND	48.10306
2018	295055	SHREVEPORT	CADDO	LA	
2018	300366	DECORAH	WINNESHIEK	IA	
2018	299309	KENTON	HARDIN	OH	40.577916
2018	294345	CYNTHIANA	HARRISON	KY	
2018	297270	GREEN VALLEY	TAZEWELL	IL	40.26
2018	297498	HORTON	BROWN	KS	

Longitude	Claim Type	Total Field Acres	Acres Effected	Crop	Primary Product
	Off-Target	120	50	Soybeans	ENGENIA
	Off-Target	232	120	Soybeans	ENGENIA
	Off-Target	80	15	Soybeans	ENGENIA
	Off-Target	50	25	Peach Tree	ENGENIA
99.37754	Off-Target	115	115	Soybeans	ENGENIA
	Off-Target	100	100	Soybeans	ENGENIA
	Off-Target	65	10	Soybeans	ENGENIA
-83.691149	Off-Target	136	50	Soybeans	ENGENIA
	Off-Target	15	6	Alfalfa	ENGENIA
-89.64	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	90	60	Soybeans	UNKNOWN AUXIN

Leaf Cupping	Growing Point Inhibition	Stunting	Node Stacking	Other- explain in box below (see visual symptoms)
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
No	No	No	No	Yes
Yes	No	No	No	No
No	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
No	Yes	Yes	Yes	No
Yes	No	No	No	Yes
Yes	No	No	No	No

Visual Symtoms	Secondary Visual Sytoms	Distance from Target	Buffer Zone	Wind Speed	Wind Direction
Leaf cupping,		7920			
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	3000		7	SW
Leaf cupping,		2640	0	6.8-10.2	SW
Other- explain in box below,	curled leaves...auxin like symptomology,	2640	2640	3-8	SE
Leaf cupping,Node Stacking,		2640	100	3-8	SW
Other- explain in box below,	Drawstring / downward leaf cupping about 4 nodes down in older vegetation,	2640	2640	3-6	SE
Leaf cupping,Stunting,		2500	0	5-7	N
Leaf cupping,		2000	250	3	S
Growing point inhibition,Stunting,		1500	110	3-5	S
Leaf cupping,Other-explain in box below,	Pattern not evident to identify the source of cupping. Several Dicama applied corn & soybeans surround field.,	1400		0-5	W
Leaf cupping,		1320			

Wind Affected Field	Primary Environmental Factor	Secondary Environmental Factor
Yes		
Yes	Drought	
No	N/A	
No	N/A	
No	N/A	Not sufficient time for Engenia application to create symptoms present on alleged field
Yes	Temparature Inversion	
Yes	Other	very hot, in the 90's on date of application
No		
No	Temparature Inversion	Probably within 48 hours after application

<b>Record Keeping Form</b>	<b>Trainning Certificate</b>	<b>Purchase Records</b>	<b>Applicator Type</b>	<b>Wind Speed Too High</b>	<b>Wind Blowing Towards Crop</b>
No	No	No	Retailer Applied	No	No
Yes	Yes	Yes	Custom Applied	Yes	Yes
Yes	Yes	Yes	Retailer Applied	Yes	Yes
Yes	Yes	Yes	Grower Applied	No	No
Yes	Yes	Yes	Grower Applied	No	No
Yes	Yes	No	Grower Applied	No	No
Yes	Yes	Yes	Retailer Applied	No	Yes
Yes	Yes	No	Retailer Applied	No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
No	No	No		No	No

<b>Incorrect Nozzle</b>	<b>Contamination (Tank, System)</b>	<b>Application During Inversion</b>	<b>Unlabeled Tank-mix</b>	<b>Unable To determine</b>
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	Yes	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	Yes

Other (additional description)	Suspected Cause	Secondary Suspected Cause
No	Unable to determine based on information provided,	
Yes	Wind speed too high,Other (additional description),Wind blowing towards sensitive crop,	Target field was over a half mile away with a corn field in between,
Yes	Wind speed too high,Other (additional description),Wind blowing towards sensitive crop,	Although the wind speed was relatively high (6-10), distance between applied field and affected field was considerable (~1/2 mi). Should not have seen symptoms on sensitive crop at that distance. No other DT soybeans in the nearby area to explain as possible alternative source.,
No	Unable to determine based on information provided,	
No	Unable to determine based on information provided,	
Yes	Other (additional description),	Engenia that alleged caused crop response was sprayed on 6-14 Investigation on 6-20 - not enough time for Engenia symptomology Crop response was about 4 nodes down from terminal not in the new trifoliate,
No	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,Unlabeled tank-mix,	
No	Unable to determine based on information provided,	
Yes	Other (additional description),	Multiple sources of Dicamba applications surround field. As of this date 7/11, soybeans were showing a good recovery and grower was not as concerned. Buffer zone size: field is over 1/4 mile & field is not downwind at time of application.
Yes	Unable to determine based on information provided,Other (additional description),	Two separate fields investigated... Field 1 was located North of a soybean field which appeared to have been sprayed by an unknown auxin herbicide. Field 2 had DT soybean fields on three sides. Grower unsure who the applicator were or what was applied,

Sprayer Pressure	Sprayer Speed	Carrier Volume	Boom Height	Boom Width	Primary Nozzle Type	Secondary Nozzle Type
					Other	UR110-10
20	10	15	24		Other	TTI11008
35	12	15	24		Other	Wilgers 110-10
50	12	10	24		TeeJet TTI11004 (Red)	
40	12	15	24		Other	ULD 120-06
	12	15	24		TeeJet TTI11004 (Red)	
50	7	16	24		Other	UR 110-10
60	12	15	24		Other	TTI 11005
		20	22		TeeJet TTI11004 (Red)	
40	10	15	20		Other	TTI11005

Nozzle Spacing
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2018	299685				
2018	295455	CLAY CENTER	CLAY	KS	
2018	298066	ALBION	EDWARDS	IL	
2018	300792	CLAY CENTER	CLAY	KS	39.37919
2018	297279	MEXICO	AUDRAIN	MO	
2018	302532	MANLY	WORTH	IA	43.27
2018	297607	ATCHISON	ATCHISON	KS	
2018	300299	ELWOOD	MADISON	IN	40.34
2018	301552	LAMAR	BARTON	MO	
2018	304205	ESTHERVILLE	EMMET	IA	43.35
2018	297282	GORIN	SCOTLAND	MO	
2018	297281	ARBELA	SCOTLAND	MO	
2018	301553	SHELDON	VERNON	MO	
2018	297286	MACON	MACON	MO	
2018	297928	DEERFIELD	VERNON	MO	
2018	301931	ARMADA	MACOMB	MI	42.49

	Off-Target	110	65	Soybeans	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA
	Off-Target	30	25	Soybeans	ENGENIA
-96.99349	Off-Target	72	72	Soybeans	ENGENIA
	Off-Target	50	40	Soybeans	ENGENIA
-93.25	Off-Target	55	15	Soybeans	ENGENIA
	Off-Target	60	40	Soybeans	ENGENIA
-85.78	Off-Target	2	1	Soybeans	ENGENIA
	Off-Target	70	12	Soybeans	ENGENIA
-94.92	Off-Target	80	10	Soybeans	ENGENIA
	Off-Target	120	20	Unselected	ENGENIA
	Off-Target	70	10	Soybeans	ENGENIA
	Off-Target	80	15	Soybeans	ENGENIA
	Off-Target	80	60	Soybeans	ENGENIA
	Off-Target	65	40	Soybeans	ENGENIA
-82.51	Off-Target	60	10	Soybeans	ENGENIA

Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes

Leaf cupping,		1320	300	7-10	N
Leaf cupping,		1320	1320	10	SE
Leaf cupping,		1320		5	N
Leaf cupping,Stunting,		1200	110	3	S
Leaf cupping,Node Stacking,		900	2101	12-15	S
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	806	806	12-14	S
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	800		3-5	N
Leaf cupping,		600	600	3	SE
Leaf cupping,		600	600	6	S
Leaf cupping,Other-explain in box below,	symptom pattern-gradient, Leaf cupping found in south part of field. New growth found no symptoms showing on new leaves, not stunting present.,	600	0		N
Leaf cupping,Stunting,		600	400		
Leaf cupping,		600	400		
Leaf cupping,		600	100	6	S
Leaf cupping,Node Stacking,Stunting,		600	110		SW
Leaf cupping,		600			
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	550	50	3.2-5.6	SE

No		
No	N/A	
No	N/A	This grower is not the source of the off-target movement based on his application records and the how many trifoliate were cupped on beans.
No	Temparature Inversion	
Yes	Other	cupping most severe closest to target field.
Yes		
No		
Yes		
Yes	Drought	Actual Spray date was July 12th, 2018. Not sure why it changed it to planting date
No		
Yes		
Yes		
No	Drought	This field is to the East of the sprayed field and is separated by brush line with large trees and shrubs roughly 100' thick.
Yes		
Yes	Temparature Inversion	

Yes	Yes			No	No
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes	Grower Applied	No	No
Yes	Yes	Yes	Retailer Applied	No	No
				Yes	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes	Retailer Applied	No	Yes
Yes				No	No
				No	Yes
				No	Yes
Yes	Yes	Yes	Retailer Applied	No	No
				Yes	Yes
No	No	No		No	No
Yes	Yes	Yes		No	Yes



Yes	Unable to determine based on information provided,Other (additional description),	Alleged injury occurred to non-DT field located South of target field. In visual investigation of affected field it was apparent that symptomology was contained to lower areas of fields and plants were exhibiting minor symptoms 7-8 trifoliates down. Other fields were sprayed with auxins by unknown applicators booth north and south of affected field.
No	Unable to determine based on information provided,	
Yes	Other (additional description),	This grower is not the source of off-target movement.,
No	Unable to determine based on information provided,	
No	Wind speed too high,Wind blowing towards sensitive crop,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction reported as SSE.,
No	Unable to determine based on information provided,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Affected crop has soybeans, trees, garden listed. Wind was SE blowing towards NW.
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Wind direction reported NNE, Buffer zone was 0 with blacktop 110 ft.,
No	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,	
No	Unable to determine based on information provided,	
No	Wind speed too high,Wind blowing towards sensitive crop,	
No		
Yes	Wind blowing towards sensitive crop	

35	7	15	24		Other	DR110-10
65	10	15	24		TeeJet TTI11004 (Red)	
50	7	15	24		Other	TTI 3 (why is there only one option in this drop down for nozzles???)
65	10	15	24		TeeJet TTI11004 (Red)	
50	10	20	20		TeeJet TTI11004 (Red)	
		15	24		TeeJet TTI11004 (Red)	
40	8	15	20		Other	UR110-10
50	10	15	18		Other	UR110-10
		15			Other	TTI11006
40	10	20	24		Other	DR110-10
40	10	20	24		Other	DR110-10
50	10	15	18		Other	UR110-10
35	9	15	24		Other	TTI11005
					Other	TTI11005

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2018	304023	ESTHERVILLE	EMMET	IA	43.34
2018	297320	BELVUE	POTTAWATOMIE	KS	
2018	304204	ESTHERVILLE	EMMET	IA	43.27
2018	300296	WINDFALL	TIPTON	IN	40.34
2018	296648	FRANKFORD	PIKE	MO	
2018	299675	SUMNER	CHARITON	MO	39.21
2018	295576	MARTINTON	IROQUOIS	IL	
2018	297284	ATLANTA	MACON	MO	
2018	297477	SABETHA	NEMAHA	KS	
2018	295190	DENTON	DONIPHAN	KS	
2018	295952	MORRISONVILLE	CHRISTIAN	IL	
2018	296921	RANTOUL	CHAMPAIGN	IL	
2018	296239	SLATER	SALINE	MO	
2018	295508	CARTHAGE	HANCOCK	IL	
2018	296465	NORTH HENDERSON	MERCER	IL	
2018	305445	OTTAWA LAKE	MONROE	MI	41.45

-94.86	Off-Target	80	16	Soybeans	ENGENIA
	Off-Target	53	30	Soybeans	ENGENIA
-94.85	Off-Target	160	26	Soybeans	ENGENIA
-85.78	Off-Target	100	5	Tomato	ENGENIA
	Off-Target	42	24	Soybeans	ENGENIA
-92.57	Off-Target	80	30	Soybeans	ENGENIA
	Off-Target	115	10	Soybeans	ENGENIA
	Off-Target	70	10	Soybeans	ENGENIA
	Off-Target	90	50	Soybeans	ENGENIA
	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	160	30	Soybeans	ENGENIA
	Off-Target	20	15	Soybeans	ENGENIA
	Off-Target	260	50	Soybeans	ENGENIA
	Off-Target	40	15	Soybeans	ENGENIA
	Off-Target	160	160	Soybeans	ENGENIA
-83.42	Off-Target	34	9	Soybeans	ENGENIA

Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
No	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes

Leaf cupping,Node Stacking,Other- explain in box below,Stunting,	Symptom pattern-gradient First 120' next to west fence were showing signs of stunting and node stacking, beans moving east had leaf cupping and had new growth.,	500		7	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	500		5-10	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Three area beginning in SE moving NW. Leaf cupping present new growth does not show any symptoms.,	500		6	S
Other- explain in box below,	No visible symptoms. Neighbors beans show minor leaf cupping.,	500	120	4	S
Leaf cupping,		500	180	9	
Leaf cupping,Other-explain in box below,Stunting,	Symptom pattern-uniform, Dry conditions in area.,	500	200	5	S
Leaf cupping,		400		7 - 10	NE
Leaf cupping,		400	0	14	SE
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	300		6-8	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	300		6-8	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	300		5-6	N
Leaf cupping,		300	119	3-4	NW
Leaf cupping,		250	0	0-10	SE
Leaf cupping,Growing point inhibition,		250	250	5-10	W
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform, drawstring,	250		6	W
Leaf cupping,Other-explain in box below,	symptom pattern - gradient,	250	250	5	N

Yes		
No		
Yes		
Yes		
Yes		
No	Temparature Inversion	
Yes		
Yes		
No		
No		
No	Temparature Inversion	
No	Flood	
No		
Yes		
No		
Yes	N/A	Wind listed as N/NE

	Yes			No	Yes
Yes	Yes	Yes		No	No
Yes				No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes			No	Yes
Yes	Yes	No		No	No
Yes	Yes	Yes	Retailer Applied	No	No
				No	Yes
Yes	Yes	Yes	Custom Applied	No	No
Yes	Yes	Yes		No	No
Yes	No	No	Grower Applied	No	No
Yes				No	Yes
Yes	Yes	Yes		No	No
				No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	Yes

No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No

No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,Other (additional description),	Target field was south of affected field. Corn field ac,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction reported as SSE. 3 waves of symptoms beginning in the SE and gradually disappearing in the NW.
Yes	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,	
Yes		
Yes	Unable to determine based on information provided,Other (additional description),	Drift. A corn field was between soybean field and the DT soybean field. Very minor visual effects,
No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,Other (additional description),	Field investigated was North of two fields that were sprayed with auxins by two different applicators and the same day,
Yes	Other (additional description),	Affected grower called retailer about suspected auxin.
No	Unable to determine based on information provided,	
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	unknown,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Other - Insufficient Buffer
No	Contamination (tank, system, etc.),	
No	Wind blowing towards sensitive crop,	

		15			Other	TTI11006
40		15	24		Other	TTI11003
		15			Other	TTI11006
40	8	15	20		Other	UR110-10
					TeeJet TTI11004 (Red)	
	8	13	20		TeeJet TTI11004 (Red)	
63	13	15	24		Other	TTI11005
					Other	TTI11005
20	10	15	24		Other	TTI11008
10	8	15	24		TeeJet TTI11004 (Red)	
50	12	15	20		TeeJet TTI11004 (Red)	
45	10	15	12		Other	TTI11006
					Other	DR110-10
42	11	20	24		Other	TTI11005
40	12	15	24		Other	TTI11006
50	12	16	24		TeeJet TTI11004 (Red)	

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2018	304444				
2018	299489	WADESVILLE	POSEY	IN	
2018	297149	MOUNT VERNON	LINN	IA	
2018	295785	LA PORTE CITY	BLACK HAWK	IA	92.18
2018	301462	SCHALLER	SAC	IA	42.47
2018	297586	ATCHISON	ATCHISON	KS	
2018	298245	PINE VILLAGE	WARREN	IN	
2018	301824	MINDENMINES	BARTON	MO	
2018	299677				
2018	299958	MAITLAND	HOLT	MO	
2018	297283	Taos	Cole	MO	39.59
2018	296212	MINONK	WOODFORD	IL	40.54
2018	297287	MARYVILLE	NODAWAY	MO	40.19

	Off-Target	130	60	Pea, Succulent	ENGENIA
	Off-Target			Soybeans	ENGENIA
	Off-Target	80	4	Soybeans	ENGENIA
92.19	Off-Target	60	25	Soybeans	ENGENIA
-95.19	Off-Target	100	40	Soybeans	ENGENIA
	Off-Target	80	70	Soybeans	ENGENIA
	Off-Target	320	320	Soybeans	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA
	Off-Target	60	6	Soybeans	ENGENIA
	Off-Target	38	24	Soybeans	ENGENIA
-94.87	Off-Target	120	40	Soybeans	ENGENIA
89.64	Off-Target	61	30	Soybeans	UNKNOWN AUXIN
-94.40	Off-Target	50	15	Soybeans	ENGENIA

No	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No

Other- explain in box below,	Speckling of the leaves,	225	110	8-10	NE
Leaf cupping,Node Stacking,Stunting,		200	200	5	NE
Leaf cupping,		200	110	3-4	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Some cupping in area to south part of the field. Draw string appearance to soybeans in all parts of the field. Beans were at R1 growth stage as of 6/21/18. Dicamba symptomatology in southern part of the field.Entire field had Outlook applied that impacted the draw stringing of the soybeans.,	200		7	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	200	200	12	S
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	200		3-5	N
Leaf cupping,Other-explain in box below,Stunting,Node Stacking,	Severe discoloration from water damage it appears,	200	120	4-9	
Leaf cupping,		200	200	3-5	N
Leaf cupping,Node Stacking,Stunting,		200	120	4-9	
Leaf cupping,		185		3-6	NW
Leaf cupping,		180	180	5-8	
Leaf cupping,Stunting,		180	180	3-5	S
Leaf cupping,Stunting,		180	180	5-6	W

No	N/A	
No	N/A	
Yes		
Yes		
Yes	Other	Wind
No		
No		
No	Drought	
No		
No	Drought	
No	Temparature Inversion	
Yes	Temparature Inversion	
Yes	Temparature Inversion	

Yes	Yes	No	Custom Applied	No	No
Yes	Yes	Yes	Retailer Applied	No	No
				No	Yes
	Yes			No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes	Grower Applied	No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes	Retailer Applied	No	No
No	No	No		No	No
	Yes			No	Yes
No	No	No		No	No

No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No

Yes	Other (additional description),	Affected acres were determined to not be caused by Dicamba application.,
No	Unable to determine based on information provided,	
No	Wind blowing towards sensitive crop,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Applicator - Not Found in System, Wind Direction - West South Buffer - Buffer - No buffer left as applicator observed. Affected field is Northeast of the applied field.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction- south-southeast,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind shift during application,
Yes	Unable to determine based on information provided,Other (additional description),	Affected field has excessive water damage. Sprayed with Liberty/Prefix.
No	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,Other (additional description),	Affected field has excessive water damage. Sprayed with Liberty/Prefix, Marvel + additives. Fair amount of response.
Yes	Other (additional description),	Based on time of day and low wind speeds, believe a temperature inversion to be probable cause.
No		
Yes	Wind blowing towards sensitive crop,Other (additional description),	Suspect this must have been an inversion in temperature. Water movement from Engenia field traveled through. Affected Liberty field of beans was farmer applied of Generic Liberty.,
No		

60	7	20	24		TeeJet TTI11004 (Red)	
50	10	15	24		TeeJet TTI11004 (Red)	
40	9	15	24		TeeJet TTI11004 (Red)	
40		16	42		Other	TTI11006
30	14	14			Other	ULD12--05
		15	24		TeeJet TTI11004 (Red)	
					Other	UR110-10
					Other	UR110-10
45	12	15	24		Other	TTI11005
30	15	15	24		Other	TTI11005
50	12	18	24		Other	TTI11005
30	15	15	24			

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2018	296074	WEST LEBANON	WARREN	IN	
2018	299487	TOWANDA	MC LEAN	IL	
2018	306689	BIG ROCK	KANE	IL	43.83
2018	298833	MONROE	UNION	NC	34.54
2018	301584	BIG ROCK	KANE	IL	43.83
2018	296309	WARRENSBURG	JOHNSON	MO	
2018	299941	KANSAS CITY	CLAY	MO	
2018	299226	ONARGA	IROQUOIS	IL	
2018	300149				

	Off-Target	50	8	Soybeans	ENGENIA
	Off-Target	100	35	Soybeans	ENGENIA
-88.00	Off-Target	150	50	Soybeans	ENGENIA
-80.29	Off-Target	24	1	Soybeans	ENGENIA
-88.00	Off-Target	150	45	Soybeans	ENGENIA
	Off-Target	50	40	Soybeans	ENGENIA
	Off-Target	180	60	Soybeans	ENGENIA
	Off-Target	80	40	Soybeans	ENGENIA
	Off-Target	12	10	Soybeans	ENGENIA

Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No

Leaf cupping,Stunting,		160	120	6-7	W
Leaf cupping,		150	125	3.5	SE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient Third visit to this field. Did a hand yield comparison on the 2 varieties of beans in this field.,	150	150	7-8	SE
Leaf cupping,Other-explain in box below,	symptom pattern - gradient,	150	120	5-10	S
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient-along edge of adjoining DT bean field, Second visit and symptoms have improved. Affected plants are forming clean trifoliates and continue to bloom and add pods.,	150	150	7-8	SE
Leaf cupping,		150		9-37	N
Leaf cupping,		150	0	6-10	SW
Leaf cupping,Other-explain in box below,	Leaf cupping from what appears to be Liberty, possible group is drawstring & dicamba physical or inversion movement.,	150		6-8	
Leaf cupping,		150	150	5	W

Yes	N/A	
No	N/A	
Yes		
No	Drought	
Yes		
No		
Yes	Drought	
	Temparature Inversion	
No	N/A	Trees boarding affected field. Wind could have whipped through them but was not blowing towards affected field.

Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes	Grower Applied	No	No
Yes	Yes	Yes		No	Yes
No	No	No		No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes	Retailer Applied	No	Yes
Yes	Yes	No		No	Yes
Yes	Yes	Yes	Grower Applied	No	No

No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes

Yes	Other (additional description),	Drift was found to not be from field that the dealer applied. There were 3 areas of the field that had symptoms and all were downwind from what appears to have been applications made by the State Highway Dept. to control vegetation around cross roads, stop signs, and poles. These areas of the ditches has weeds that showed PGR symptoms and only in these areas,
No	Unable to determine based on information provided,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Did a hand yield comparison on the 2 varieties of beans in this field. Data & photos are attached. Discussed that these hand yield samples are not precise but may give an indication of comparative yields between the varieties and affected areas. This soybean field had 2 plant dates 5/8 Asgrow variety & 5/26 Pioneer variety. Sample yield differed by variety and planting dates. Third visit to this field.
No		
Yes	Wind blowing towards sensitive crop,Other (additional description),	Affected plants continue to improve. 1/3 of field planted on 5/8 and the rest on 5/26. Spray log was sent in too.,
Yes	Other (additional description),	wind gusts 37mph,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Believe wind shifted during application and applicator was unaware.,
No	Wind blowing towards sensitive crop,	
No	Unable to determine based on information provided,	

50	14	15	24		TeeJet TTI11004 (Red)	
40	12	15	24		TeeJet TTI11004 (Red)	
35	15	15			Other	TTI11006
35	8	15	24		Other	TTI11003
35	15	15			Other	TTI11006
40	12	15	20		Other	TTI11005
	11	15	24		Other	TTI11005
	10	20	24		TeeJet TTI11004 (Red)	
45	8	15	24		TeeJet TTI11004 (Red)	

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2018	299940	RULO	RICHARDSON	NE	
2018	295460	INDIANOLA	VERMILION	IL	
2018	299930	WESTBORO	ATCHISON	MO	
2018	299956	MAITLAND	HOLT	MO	
2018	296072	KINGMAN	FOUNTAIN	IN	
2018	296969	WINDFALL	TIPTON	IN	40.33
2018	294633	MINONK	WOODFORD	IL	
2018	299186	PONTIAC	LIVINGSTON	IL	
2018	299190	BONFIELD	KANKAKEE	IL	
2018	296645				
2018	294685	MINONK	WOODFORD	IL	
2018	299934	MAITLAND	HOLT	MO	

	Off-Target	136	68	Soybeans	ENGENIA
	Off-Target	80	20	Soybeans	ENGENIA
	Off-Target	226	226	Soybeans	ENGENIA
	Off-Target	160	40	Soybeans	ENGENIA
	Off-Target	45	15	Soybeans	ENGENIA
	Off-Target	140	20	Soybeans	ENGENIA
	Off-Target	40	35	Soybeans	ENGENIA
	Off-Target	80	7	Soybeans	ENGENIA
	Off-Target	60	2	Soybeans	ENGENIA
	Off-Target	110	10	Soybeans	ENGENIA
	Off-Target	80	40	Soybeans	ENGENIA
	Off-Target	220	200	Soybeans	ENGENIA

Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No

Leaf cupping,Node Stacking,Stunting,		150	0	6-7	SE
Leaf cupping,Node Stacking,Stunting,		140	80	5	S
Leaf cupping,Node Stacking,		130		8-10	NE
Leaf cupping,		120	0	6-8	S
Leaf cupping,Stunting,Node Stacking,		120	110	3-5	E
Leaf cupping,Other-explain in box below,Stunting,	brown lesions on leafs, phytophetha & brownspot greater than 50% of field,	120	120	3-4	SW
Leaf cupping,		120	120	3	
Leaf cupping,Node Stacking,		120		4-6	SE
Leaf cupping,Other-explain in box below,	Very light leaf cupping.,	120	0	5-6	S
Leaf cupping,		120		9	
Leaf cupping,Other-explain in box below,	Black debris on leaf surface of exposed leaf that was exposed at the time of herbicide application. Could be dried mold or could be splash of dirt or sunscald. Undetermined but did not proliferate and continue.,	120	120	3	
Leaf cupping,Node Stacking,Stunting,		120	0	4-8	SW

No	Drought	
No	Temparature Inversion	
No	Drought	
No	Drought	
No	N/A	
	Temparature Inversion	
Yes		
Yes		
No		
Yes		
Yes		
Yes	Drought	

Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes		No	Yes
Yes				No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
				No	Yes
Yes				No	No
Yes	Yes	Yes	Retailer Applied	No	Yes

No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No

Yes	Other (additional description),	Determined that retailer (Craig Supply) most likely not source of dicamba symptoms on affected grower's crop (Binder), as their application was much earlier; neighbor of impacted grower showed no signs of injury, had weeds showing dicamba symptoms in his field. Believe neighbor to be source of dicamba application that impacted grower.,
Yes	Unable to determine based on information provided,Other (additional description),	Suspected inversion. Affected grower was Steven Davis with no contact information provided.,
Yes	Unable to determine based on information provided,Other (additional description),	Possible wind shift during application; whole field was effected,
Yes	Unable to determine based on information provided,Other (additional description),	Believe wind may have shifted direction during application, but no record available to show this to be the case.,
Yes	Other (additional description),	injection system malfunction and did not turn Engenia off while spraying borders. undetermined partial rate applied resulting in response to bordering field,
Yes	Wind blowing towards sensitive crop,Other (additional description),	120 ft. buffer observed to field edge.
Yes	Other (additional description),	Thoroughly scouted all affected fields. Plant symptoms were leaf cupping,
No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,Other (additional description),	Wind direction: S-SE
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Thoroughly scouted all affected fields. Plant symptoms were leaf cupping, some drawstring affect as well as some strapping. Conclusion was the adjoining cornfield was sprayed with Di-Flexx Duo and the injury was more consistent to this product. Because: due to dates of spray and stage of injury, gradient pattern from corn, soybean plant adjacent to corn field showed HPPD injury as well as dicamba effect.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	The local electric cooperative had been spraying Garlon along the power lines bordering the field, possibly causing the majority, but not all, of the suspected injury,

		16	24		Other	TTI11006
63	10	15	24		TeeJet TTI11004 (Red)	
		15	24		Other	TTI11005 (brown)
45	11	15	24		Other	TTI11005
50	14	15	24		TeeJet TTI11004 (Red)	
40	8	15	24		Other	UR110-10
	9	15	24		TeeJet TTI11004 (Red)	
	9	15	24		TeeJet TTI11004 (Red)	
					Other	TTI11005
		15	24		Other	TTI11005

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2018	297777	COLON	SAUNDERS	NE	41.32
2018	300926	GOOD HOPE	MC DONOUGH	IL	
2018	301060	DAVISON	GENESEE	MI	42.885935
2018	296076	PIONEER	WEST CARROLL	LA	
2018	295405	ROSEDALE	PARKE	IN	
2018	300662	CARTHAGE	HANCOCK	IL	
2018	296108	GARDNER	GRUNDY	IL	41.17
2018	299187	EMINGTON	LIVINGSTON	IL	
2018	296695	DIVERNON	SANGAMON	IL	39.53
2018	299189	EMINGTON	LIVINGSTON	IL	
2018	299176	ELDRIDGE	SCOTT	IA	41.39
2018	295396	DAHLGREN	HAMILTON	IL	38.133
2018	295484	NORMAL	MC LEAN	IL	

-96.55	Off-Target	75	15	Soybeans	ENGENIA
	Off-Target	80	20	Soybeans	ENGENIA
-83.676140	Off-Target	80	25	Soybeans	ENGENIA
	Off-Target	100	100	Soybeans	ENGENIA
	Off-Target	80	15	Soybeans	ENGENIA
	Off-Target	25	3	Soybeans	ENGENIA
-88.39	Off-Target	48	48	Soybeans	ENGENIA
	Off-Target	60	3	Soybeans	ENGENIA
-89.61	Off-Target	30	10	Soybeans	ENGENIA
	Off-Target	80	3	Soybeans	ENGENIA
-90.58	Off-Target	76	65	Soybeans	ENGENIA
882.227	Off-Target	20	10	Soybeans	ENGENIA
	Off-Target	107	60	Soybeans	ENGENIA

Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No

Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	120		6-10	N
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	120		3-5	
Leaf cupping,Stunting,Node Stacking,		120	120	8-15	NE
Leaf cupping,Stunting,		120	120	3-5	S
Leaf cupping,		120	200	2.7	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Very minor cupping,	120		5-9	E
Leaf cupping,Other-explain in box below,	Flexstar/Liberty applied when beans 2-V3 by grower, burnt leaves, blown out leaves on early canopy,	120		3-5	NE
Leaf cupping,Other-explain in box below,	Very light leaf cupping,	120	0	6-8	SE
Leaf cupping,Other-explain in box below,	Cupping more in low areas along waterway,	120	120	5-6	SE
Leaf cupping,Other-explain in box below,	Very light cupping.,	120	0	6-8	E
Leaf cupping,Stunting,Other-explain in box below,	Symptom pattern-gradient, Symptoms stronger to SE-symptoms lighter to the NW,	115		9-10	NW
Leaf cupping,		110	110	3-5	SW
Leaf cupping,Stunting,Node Stacking,		110	110	6-7	NE

No		
Yes	N/A	
No	Temparature Inversion	
No		
Yes		
No		
No		
No	Other	Normal
No	Temparature Inversion	
Yes	Temparature Inversion	
Yes	Other	Normal. Additional Explanation: Wind was from South West, not West as he started spraying.
No	Other	None

Yes	Yes			No	No
Yes	Yes	Yes		No	Yes
No	Yes	No	Grower Applied	Yes	Yes
Yes	Yes	No	Grower Applied	No	No
				No	No
				No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes	Retailer Applied	No	Yes
Yes	Yes	Yes		No	No

No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	Yes	No	No
No	No	Yes	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes

Yes	Other (additional description),	2 plant dates 5/18 & 5/24. Wind direction was NNW. Alleged drift. Applicator sprayed 127.9 acres soybean field on south side of Road S. Some plants show cupping-both upward on some and downward on some along the south end of the field. All plants are actively growing with blooms on many nodes. R1 stage.
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind changed direction briefly during application.,
No	Wind speed too high,Wind blowing towards sensitive crop,	
No	Application during inversion,	
No	Application during inversion,	
Yes		
Yes	Wind blowing towards sensitive crop,Other (additional description),	Note accompanying Wind Toward Affected Field: No - Not at Start Time /Note accompanying Wind blowing toward sensitive crop-Wind direction shifted during application - operator stopped. /Additional Notes-Wind speed and direction formable and on label at start of application. Direction changed during application and applicator stopped spraying./ Buffer Zone -Not Required,
No	Unable to determine based on information provided,	
No		
No		
Yes	Wind blowing towards sensitive crop,Other (additional description),	2 plant dates NW 59 acres on 5/8/18 & SE corner 21 acres on 5/11/18. Possible inversion. Engenia was sprayed on field directly to SE and Fexapan sprayed on the field directly to the north. Wind direction SE blowing NW.,
No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,Other (additional description),	Applicator name is Tom Weber and dealer is Brandt Fertilizer with no contact information given.,

45		18	24		Other	TTI11005
50	12	15	24		Other	TTI11005
40	9	10			TeeJet TTI11004 (Red)	
40						
60	12	15	24		TeeJet TTI11004 (Red)	
41	10	20	20		TeeJet TTI11004 (Red)	TTI11004
	9	15	24		TeeJet TTI11004 (Red)	
35	14	15	24		Other	UR110-10
	9	15	24		TeeJet TTI11004 (Red)	
43	11	18	30		Other	TTI11006
40	12	15	24		TeeJet TTI11004 (Red)	
60	10	15	24		TeeJet TTI11004 (Red)	

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2018	302536	GARNER	HANCOCK	IA	43.36
2018	296127	SOUTH WILMINGTON	GRUNDY	IL	41.17
2018	297225	TRAER	TAMA	IA	
2018	301811	SWEA CITY	KOSSUTH	IA	43.38
2018	299771	CURLEW	PALO ALTO	IA	
2018	296085	SAINT JOSEPH	CHAMPAIGN	IL	
2018	299764	STERLING	RICE	KS	
2018	295953	JERSEYVILLE	JERSEY	IL	
2018	300430	GRANT	GREENE	IN	
2018	305515	MOULTON	APPANOOSE	IA	
2018	296906	REMINGTON	JASPER	IN	
2018	297245	STANBERRY	GENTRY	MO	40.16
2018	302049				
2018	304226	WALLINGFORD	EMMET	IA	43.35
2018	296885	ULYSSES	BUTLER	NE	41.06
2018	300651	EWING	LEWIS	MO	39.56

-93.33	Off-Target	154	7	Soybeans	ENGENIA
-88.33	Off-Target	133	13	Soybeans	ENGENIA
	Off-Target	90	75	Soybeans	ENGENIA
-94.32	Off-Target	88	45	Soybeans	ENGENIA
	Off-Target	230	30	Soybeans	ENGENIA
	Off-Target	40	5	Soybeans	ENGENIA
	Off-Target	1,331	1331	Soybeans	UNKNOWN AUXIN
	Off-Target	20	2	Soybeans	ENGENIA
	Off-Target	28	28	Soybeans	ENGENIA
	Off-Target	26	3	Soybeans	ENGENIA
	Off-Target	40	5	Soybeans	ENGENIA
-94.31	Off-Target	300	200	Soybeans	ENGENIA
	Off-Target	156	60	Soybeans, DT	ENGENIA
-94.86	Off-Target	160	1	Soybeans	ENGENIA
-97.28	Off-Target	69	30	Soybeans	ENGENIA
-91.5	Off-Target	27	2	Soybeans	ENGENIA

Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No

Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	110	110	5-7	E
Leaf cupping,Other-explain in box below,	Gradient symptomology with plants closest to DT applied fields with most effects,	110		3-5	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	110	110	12-14	S
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	110	110	10.7	S
Leaf cupping,		110	110	7-12	N
Leaf cupping,Stunting,		100	110	3	E
Leaf cupping,		100	30	10	
Leaf cupping,Other-explain in box below,Stunting,	Symptom pattern-gradient,	100		7-8	NE
Leaf cupping,		100	300	1-4	SE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	100	0		S
Leaf cupping,Stunting,Node Stacking,		100		3-5	NE
Leaf cupping,		100	80	5	S
Leaf cupping,		100	100	8	NW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Some leaf cupping found in the SW corner and NW corner of the field.,	100	0	8	S
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	100	100	10	SE
Leaf cupping,		100	100	7	S

Yes		
No		
Yes	Other	Wind
Yes	Other	Wind
Yes	N/A	
No		
No	Other	
No		
No	Other	Wind could have changed direction for a gust and been blowing a little diagonal towards the affected field
No		
No	Temparature Inversion	
Yes	Drought	
No		
No	Temparature Inversion	

Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes			No	No
Yes	Yes	Yes		No	Yes
No	Yes	Yes	Grower Applied	Yes	Yes
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes	Grower Applied	No	No
Yes	No	No	Grower Applied	No	No
Yes	Yes	Yes	Grower Applied	No	No
	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
No	No	No		No	No
Yes	Yes	Yes	Retailer Applied	No	Yes
				No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No

No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes

Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction reported as ESE. Slight wind blowing towards sensitive crop.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind speed and direction were on label at start time. Wind direction changed during application and operator stopped.,
No		
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction reported SSE.,
No	Wind speed too high,Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Water movement from Engenia treated field into Esry (affected) field,
No	Unable to determine based on information provided,	
No	Unable to determine based on information provided,	
Yes	Other (additional description),	Wind recorded on device was not blowing towards affected crop,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction reported SSW. Wind was just slightly blowing towards sensitive soybean field. Applicator unwilling to give spray records, but admits he cause the symptomology.,
Yes	Other (additional description),	??,
No		
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Insufficient buffer, temp and timing, very little affected plants found. Some leaf cupping was found on lower leaves but new growth was unaffected. Wind direction reported SSE.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Grower didn't tell CVA that the soybean field across the road were not dicamba tolerant soybeans.
Yes	Unable to determine based on information provided,Other (additional description),	Applicator works for Schmitz Spraying Service, 10339 Hwy. U, Wyaconda, MO 63474. Wind direction was reported SSW.,

45	6	17	20		Other	TTI11003
41	10	20	20		TeeJet TTI11004 (Red)	
					Other	UR110-08
50	12	15	20		Other	TeeJet TTI 11006
35	10	15	24		Other	TTI11005
65	9	15	12		Other	Multiple grower applicators utilized approved nozzles.
45	11	15	20		TeeJet TTI11004 (Red)	
30	10	13	24		Other	TTI11006
		15			TeeJet TTI11004 (Red)	
		15	24		TeeJet TTI11004 (Red)	
30	13	15	24		Other	TTI11005
90	12	15	24		TeeJet TTI11004 (Red)	
		15			Other	TTI11006
58	10	15			TeeJet TTI11004 (Red)	
40	10	20	24		Other	DR110-10

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2018	296311	MAYVIEW	LAFAYETTE	MO	
2018	295637	LE SUEUR	LE SUEUR	MN	
2018	302525	OTTERBEIN	BENTON	IN	
2018	295749	LE ROY	MC LEAN	IL	40.36
2018	298765	FAIRMONT	MARTIN	MN	43.47
2018	301148	CURTICE	OTTAWA	OH	
2018	298265	STROMSBURG	POLK	NE	
2018	296130	DEWEY	CHAMPAIGN	IL	
2018	299382	ALEDO	MERCER	IL	4111.761
2018	296205	SIDNEY	CHAMPAIGN	IL	
2018	300918	BLANDINSVILLE	MC DONOUGH	IL	

	Off-Target	70	10	Soybeans	ENGENIA
	Off-Target	84	15	Soybeans	ENGENIA
	Off-Target	420	78	Soybeans	UNKNOWN AUXIN
-88.66	Off-Target	40	40	Soybeans	ENGENIA
-94.36	Off-Target	150	19	Soybeans	ENGENIA
	Off-Target	30	3	Soybeans	ENGENIA
	Off-Target	75	30	Soybeans	ENGENIA
	Off-Target	153	37	Soybeans	ENGENIA
-9041.8273	Off-Target	80	30	Soybeans	ENGENIA
	Off-Target	300	20	Soybeans	ENGENIA
	Off-Target	80	15	Soybeans	ENGENIA

Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes

Leaf cupping,		100		6-8	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Mostly in low areas,	100		3-4	N
Leaf cupping,Node Stacking,Stunting,Other-explain in box below,	Symptom pattern-gradient,	100	100		
Leaf cupping,Other-explain in box below,	VERY, VERY uniform leaf cupping on this 40 acres-all of it. AMS rate was low when he sprayed his Liberty. Tank contamination seemed unlikely. Had just side dressed UAN with same tank and rinsed prior to use.,	100	110	3-6	E
Leaf cupping,Stunting,Other-explain in box below,Node Stacking,	Symptoms are primarily leaf cupping in the SE corner of the field with pockets of beans that are showing signs of node stacking due to them being behind in growing and stressed from planting conditions.,	100	100	9	N
Leaf cupping,Other-explain in box below,	Also observed elongated soybeans leaves mixed within same stage of soybean plant as cupping.,	100	110	7	E
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	90	90	9	S
Leaf cupping,Stunting,Node Stacking,		85	0	6	W
Leaf cupping,		80		7	N
Leaf cupping,		80	110	3	E
Leaf cupping,Other-explain in box below,	symptom pattern-gradient,	80		3-5	E

No		
No	Other	Ideal
Yes		
No	N/A	Conditions were Sunny, 80 degrees, 47% R. H.
Yes	Other	Wind switch
No	Unusual Rainfall	
No	Other	Shift in Wind
No		
No		

Yes	Yes	Yes		No	No
				No	No
No	No	No		No	No
Yes				No	No
Yes	No	No		No	Yes
Yes	Yes	Yes	Custom Applied	No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes	Grower Applied	No	No
Yes	Yes	Yes	Retailer Applied	No	Yes
Yes	Yes	Yes		No	No
	Yes	Yes		No	Yes

No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No

No		
No		
Yes	Unable to determine based on information provided,Other (additional description),	Grower affected asked me to look at field(s). I did as a courtesy. Unable to get application information.,
Yes	Other (additional description),	Very Uniform Leaf Cupping on Entire 40 Acres,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Affected field is west across the blacktop from sprayed. Wind direction was reported as NNE.,
Yes	Unable to determine based on information provided,Other (additional description),	Could have possibly come from Ohio Turnpike roadside applications of grass rightaway (1/4 miles away) or another Engenia treated soybean field to the west, but unable to determine.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Suspect wind may have been shifting from south to southeast.
Yes	Other (additional description),	Heavy rainfall. Heavy rainfall on Engenia applied field allowed water movement from Engenia field into adjucant neighboring field. Soybeans exhibit leaf cupping, stunting, plus water damage.,
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Water movement from Engenia treated field into Abrahamson field.
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind changed direction during application.,

40	9	15	20		TeeJet TTI11004 (Red)	
50					Other	TTI11005
					Other	Unknown
					Other	Unknown
					Other	UR110-08
50	8	20	20		TeeJet TTI11004 (Red)	
35	10	15	20		Other	TTI11005
33	13	15	24		Other	TTI11005
40	10	15	20		Other	
					Other	TTI11005
40	12	15	24		Other	TTI11005

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2018	299161	BLOOMINGTON	MC LEAN	IL	40.53
2018	296071	NEW RICHMOND	MONTGOMERY	IN	
2018	296105	MAHOMET	CHAMPAIGN	IL	40.061010
2018	297381	BUCYRUS	CRAWFORD	OH	
2018	298829	THORNTON	CERRO GORDO	IA	42.95
2018	295125	GREEN VALLEY	TAZEWELL	IL	
2018	300234	DURAND	SHIAWASSEE	MI	
2018	294385	SIDNEY	FREMONT	IA	
2018	300300	SHEFFIELD	FRANKLIN	IA	
2018	299055	BUTLER	BATES	MO	
2018	300413	SHEFFIELD	FRANKLIN	IA	
2018	298844	ROCHELLE	WILCOX	GA	
2018	297366	CALEDONIA	MARION	OH	
2018	301801	GILMORE CITY	POCAHONTAS	IA	42.68
2018	301783	STORM LAKE	BUENA VISTA	IA	42.67
2018	296526	TERRE HAUTE	VIGO	IN	
2018	295565	LUDLOW	CHAMPAIGN	IL	

-88.62	Off-Target	155	30	Soybeans	ENGENIA
	Off-Target	40	8	Soybeans	ENGENIA
-88.049766	Off-Target	39	10	Soybeans	ENGENIA
	Off-Target	150	10	Soybeans	ENGENIA
-93.34	Off-Target	160	5	Soybeans	ENGENIA
	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	22	4	Soybeans	ENGENIA
	Off-Target	114	114	Soybeans	ENGENIA
	Off-Target	160	50	Soybeans	ENGENIA
	Off-Target	160	70	Soybeans	ENGENIA
	Off-Target	80	40	Soybeans	ENGENIA
	Off-Target	94	49	Soybeans	ENGENIA
	Off-Target	40	5	Soybeans	ENGENIA
-94.59	Off-Target	80	25	Soybeans	ENGENIA
-95.03	Off-Target	160	40	Soybeans	ENGENIA
	Off-Target	80	45	Soybeans	ENGENIA
	Off-Target	19	6	Soybeans	ENGENIA

Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	Yes	Yes	Yes	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No

Leaf cupping,Other-explain in box below,	Cupping confined to northwest area of field.,	80	0	10	W
Leaf cupping,Stunting,Node Stacking,		80	110	7-8	SW
Leaf cupping,		80	110	7.5	W
Leaf cupping,		80	0	8	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient South border 12 to 24 rows in from fence & ditch. Slight leaf cupping, no blossom loss, new growth on growing point,	80	80	13	
Leaf cupping,Other-explain in box below,	General Cupping Over Entire Field,	80		3	W
Leaf cupping,Growing point inhibition,Other-explain in box below,	Symptom pattern-gradient, new leaves cupped,	75		7	SW
Leaf cupping,		75		5-10	NW
Leaf cupping,		75	75	8-10	SW
Leaf cupping,Node Stacking,		75			
Leaf cupping,		75	75	8-10	
Leaf cupping,Stunting,		70	0	1-3	W
Leaf cupping,Node Stacking,		70	0	7	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	65	65	8	S
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	65	65	8	S
Leaf cupping,		60	60	5-7	SW
Leaf cupping,		60	110	6-8	SW

No	Other	Normal
No	N/A	
No		
No	N/A	
No		
Yes	Other	Hot and humid
No		
Yes	Other	Wind
Yes		
Yes	Other	Wind
No	N/A	
Yes	N/A	
Yes	Other	Wind
Yes	Other	Wind
Yes	Temperature Inversion	
No		

Yes	Yes	Yes		No	No
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes	Grower Applied	No	No
				No	No
				No	No
Yes	Yes	Yes		No	Yes
Yes	No	No		No	No
Yes	Yes	Yes		No	Yes
No	No	No		No	Yes
Yes	Yes	Yes		No	Yes
No	Yes	No	Grower Applied	No	No
Yes	Yes	Yes	Grower Applied	No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes	No	Grower Applied	No	No
Yes	Yes	Yes	Retailer Applied	No	No

No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
Yes	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	Yes	No	No
No	No	No	No	No

Yes	Other (additional description),	Wind was changing direction during application from west to west northwest. Wind was not blowing toward the affected field at start.
No	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,Other (additional description),	Neighboring fields with unknown nerbicide application.,
No	Unable to determine based on information provided,	
No		
Yes	Other (additional description),	This is an irrigated seed corn production area. Lots of Dicamba applied to seed corn near the field. This community has a high amount of Dicamba on corn and soybeans. Seed corn production area.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Insufficient buffer,
No	Unable to determine based on information provided,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind switched from southwest to southeast direction.,
No	Wind blowing towards sensitive crop,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind switch direction from southwest to southeast,
No	Incorrect nozzle,Unable to determine based on information provided,	
No	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction was reported SSW.,
No	Application during inversion,	
Yes	Other (additional description),	Believes dnpt.. wind direction changed.

65	13	15	24		Other	TTI11005
50	13	15	24		TeeJet TTI11004 (Red)	
35	10	15	24		Other	TTI11005
40	15	15	24		TeeJet TTI11004 (Red)	
40		15	22		Other	TTI11005
40	10	15	20		Other	TTI11005
					Other	TTI11005
40	6	20	26		TeeJet TTI11004 (Red)	
35					Other	UR110-08
35					Other	UR110-08
38	7	20	24		Other	TT11005
40	15	15	24		TeeJet TTI11004 (Red)	
					Other	TTI11005
					Other	TTI11005
45	14	15	24		TeeJet TTI11004 (Red)	
60	15	15	24		Other	TTI11005

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2018	299536	OKETO	MARSHALL	KS	
2018	294976	BLOOMINGTON	MC LEAN	IL	
2018	300644	DANVERS	MC LEAN	IL	40.56
2018	295636	FLANAGAN	LIVINGSTON	IL	40.78
2018	300922	ADAIR	MC DONOUGH	IL	
2018	295126	PETERSBURG	MENARD	IL	
2018	299929	BURLINGTON JUNCTION	NODAWAY	MO	
2018	299143				
2018	305264	MELVIN	SANILAC	MI	
2018	301805	LAURENS	POCAHONTAS	IA	42.87
2018	296923	ABINGDON	KNOX	IL	
2018	297276	PETERSBURG	MENARD	IL	10.09
2018	294962	TREMONT	TAZEWELL	IL	

	Off-Target	165	165	Soybeans	ENGENIA
	Off-Target	19	19	Soybeans	ENGENIA
-89.13	Off-Target	80	60	Soybeans	ENGENIA
-89.82	Off-Target	120	20	Soybeans	ENGENIA
	Off-Target	75	30	Soybeans	UNKNOWN AUXIN
	Off-Target	35	35	Soybeans	ENGENIA
	Off-Target	34	34	Soybeans	ENGENIA
	Off-Target	80	40	Soybeans	ENGENIA
	Off-Target	25	12	Soybeans	ENGENIA
-94.82	Off-Target	139	57	Soybeans	ENGENIA
	Off-Target	25	25	Soybeans	ENGENIA
-89.87	Off-Target	15	15	Soybeans	ENGENIA
	Off-Target	15	10	Soybeans	ENGENIA

Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No

Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	60		7	S
Leaf cupping,Stunting,		60	0	4	NW
Leaf cupping,Other-explain in box below,	West side of field cupped the most.,	60		4	SE
Leaf cupping,Other-explain in box below,	Excess rains caused large areas of drowned out soybeans. Cupping worse in water stressed low areas in fields.,	60	0	9	NW
Leaf cupping,Other-explain in box below,	symptom pattern-uniform,	60		5	E
Leaf cupping,Stunting,		60	0	8	SE
Leaf cupping,		60	0	3-5	NW
Leaf cupping,		60		5-7	W
Leaf cupping,Other-explain in box below,	Symptom pattern - uniform. The pattern is not consistent with a gradient pattern.,	60		4	NW
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	60	60	8	S
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	60		5-6	SE
Leaf cupping,Node Stacking,Other-explain in box below,	Overall field had cupping. Blotchy areas on south side have more severe cupping with some node stacking.,	60	0	7	N
Leaf cupping,Node Stacking,Stunting,		60	0	8	NW

No	N/A	Buffer zone size was N/A to alleged injury. Wind direction was S/SE
No	Other	Normal
No		
No	Other	Normal
No		
No	Other	Normal
No	N/A	
No		
No		
Yes	Other	Wind
No		
No	Other	Normal
No	Other	Normal

Yes	Yes			No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
				No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes	Grower Applied	No	No
				No	Yes
No	No	Yes		No	No
				No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No

No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
Yes	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No

Yes	Unable to determine based on information provided,Other (additional description),	Liquid Fertilizer application 7/9/18 **3 trifoliate with very light tips only curling**cupping is evident on some brushy plants in ditch W of alleged injury field.
Yes	Unable to determine based on information provided,Other (additional description),	Field not field applied
Yes	Unable to determine based on information provided,Other (additional description),	39.5 acres of this field sprayed on 6/14 but quit with threat of rain, SE wind, 8 MPH, 4:48 PM Start 5:13 PM finish Remaining 106 acres applied on 6/18.
Yes	Other (additional description),	SW Field-Application Date-6/1/18 Distance from Target Site 3' /Buffer Zone 0/Wind Direction NW/Wind Speed 5. Wind Toward Affected Field-No. Both the East and Southwest Fields used same products, same applicator and same sprayer settings on both fields.
Yes	Contamination (tank, system, etc.),Other (additional description),	Tank contamination with unknown growth regulator herbicide.
Yes	Other (additional description),	Wind changed to SW later in day after application. 15" rows should close canopy soon.
Yes	Other (additional description),	Possibility of wind shift during application -or- continued temperature inversion,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction changed during application,
Yes	Incorrect nozzle,Other (additional description),	The symptomology is worse in the field farthest from the sprayed field.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction reported as SSW.
Yes	Unable to determine based on information provided,Other (additional description),	Matts field west of cupped field. Pattern shows more cupping on east end. Minor cupping on Mahoneys field. Will investigate further.,
Yes	Unable to determine based on information provided,Other (additional description),	Soybeans recovering more on the dark soil on west side vs. the lighter soil on east side. West side is more productive.
Yes	Other (additional description),	Unable to determine. There has been a lot of Dicamba formulations applied to corn and soybeans in the area,

40	7	16	24		Other	DR110-10
35	12	15	24		Other	TTI11005
35	12	15	24		Other	TTI11005
40	9	15	24		Other	UR-110-08
					Other	TTI11005
55	12	15	24		Other	TTI11006
45		10	24		TeeJet TTI11004 (Red)	
40	10	15	24		Other	TTI11005
55	8	20	10		Other	TeeJet Flat Fan 05
					TeeJet TTI11004 (Red)	
24	10	15	24		Other	TTI11005
40	12	13	24		Other	TTI11005
45	12	15	24		Other	TTI110025

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2018	299326	BARRY	PIKE	IL	
2018	300346	BELLFLOWER	MC LEAN	IL	40.57
2018	295652	MOUNT PULASKI	LOGAN	IL	40.28
2018	296686	ATHENS	MENARD	IL	39.99
2018	295113	DOWNS	MC LEAN	IL	
2018	300930	ELVASTON	HANCOCK	IL	
2018	299953	MAITLAND	HOLT	MO	
2018	300913	CAMERON	WARREN	IL	
2018	305508	MOULTON	APPANOOSE	IA	
2018	295582	PAXTON	FORD	IL	
2018	305469	BRITTON	LENAWEE	MI	
2018	294326	FLORENCE	LAUDERDALE	AL	
2018	299919	JACKSON CENTER	SHELBY	OH	
2018	291445	DELHI	RICHLAND	LA	
2018	305408	BRITTON	LENAWEE	MI	

	Off-Target	80	10	Soybeans	ENGENIA
-89.01	Off-Target	234	60	Soybeans	ENGENIA
-89.36	Off-Target	66	10	Soybeans	ENGENIA
-89.57	Off-Target	100	100	Soybeans	ENGENIA
	Off-Target	29	29	Soybeans	ENGENIA
	Off-Target	20	10	Soybeans	ENGENIA
	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	80	10	Soybeans	ENGENIA
	Off-Target	65	24	Soybeans	ENGENIA
	Off-Target	45	45	Soybeans	ENGENIA
	Off-Target	60	10	Soybeans	ENGENIA
	Off-Target	180	110	Soybeans	UNKNOWN AUXIN
	Off-Target	50	50	Soybeans	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA
	Off-Target	14	11	Soybeans	ENGENIA

Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	Yes	Yes	Yes	Yes
Yes	No	No	No	Yes

Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	60			
Leaf cupping,Other-explain in box below,Node Stacking,	Most cupping on south side next to Engenia application. Gets less as you move north.,	60	0	4	E
Leaf cupping,Other-explain in box below,	Cupping more on North end of field next to the Brandt applied field,	60	0	3.2-4	SE
Leaf cupping,Other-explain in box below,	Brandt Consolidated notified by the Illinois Department of Agriculture. Farmer did not contact Brandt Consolidated with leaf cupping concerns.,	60		3	W
Leaf cupping,		60		3	
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	60		8	SE
Leaf cupping,		60		4-7	SW
Leaf cupping,Other-explain in box below,	symptom pattern-gradient,	60		3-5	W
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	50	0		SE
Leaf cupping,Stunting,Node Stacking,		50	770	6-8	NE
Leaf cupping,Other-explain in box below,	symptom pattern - gradient,	50	50	4.5	W
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	50	50		
Leaf cupping,		50	50	6	SE
Leaf cupping,Other-explain in box below,Stunting,Node Stacking,Growing point inhibition,	Symptoms worse at edge of field closest to where Engenia was applied,	50	50	7	NW
Leaf cupping,Other-explain in box below,	symptom pattern - gradient,	50	50	4.5	W

No		
No		
No	Other	Normal
No	Other	Normal
No	Other	Normal
Yes		
No	Drought	
No		
Yes		
Yes		
Yes	N/A	Wind direction listed as W/NW
	Flood	
Yes	N/A	
No	N/A	Affected fields appear that wind was out of South
Yes	N/A	wind direction was w/nw

	Yes			No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes		No	Yes
	Yes	Yes		No	Yes
Yes	Yes	Yes	Retailer Applied	No	Yes
Yes	Yes	Yes		No	Yes
No	No	No		No	No
Yes	Yes	Yes	Grower Applied	No	No
Yes	No	No	Grower Applied	Yes	Yes
Yes	Yes	Yes		No	Yes

No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No

Yes	Wind blowing towards sensitive crop,Other (additional description),	Calm winds & elevation change. Wind direction changed during application along with elevation drop from application field to off target field.,
Yes	Unable to determine based on information provided,Other (additional description),	Dealer stated they waited several days to spray, waiting for wind to blow away from sensitive field. Wind direction was reported as ENE.
Yes	Unable to determine based on information provided,Other (additional description),	A Dicamba soybean application also made on the opposite or south side of the field.,
Yes	Other (additional description),	Variable wind direction. Dicamba soybeans sprayed northwest of cupped fields. Field applied in this report on Southeast side of cupped field. Appears source of Dicamba may be from more than one source. / Applicator- Unable to find a match from list available.,
Yes	Unable to determine based on information provided,Other (additional description),	Since Cupping was even across field,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind blowing towards sensitive crop.,
No	Unable to determine based on information provided,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind changed direction during application.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind blowing towards a sensitive soybean field. Applicator unwilling to give spray records, admits to causing the symptomology.
Yes	Wind blowing towards sensitive crop,Other (additional description),	Left border due to neighboring ditches and waterways. Also worst in area with phytophthora.
No	Wind blowing towards sensitive crop,	
No	Unable to determine based on information provided,	
No	Unable to determine based on information provided,	
No	Wind speed too high,Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,	

40	8	15	24		TeeJet TTI11004 (Red)	
35	12	15	24		Other	TTI11005
40	12	15	24		Other	WILCER UR-110- 10
32	11	15	24		Other	TTI11005
40	12	10	24		TeeJet TTI11004 (Red)	
40	10	15	24		Other	TTI11005
		15	24		Other	TTI11005
40	12	15	24		Other	TTI11005
		15			TeeJet TTI11004 (Red)	
60	15	15	24		Other	TTI11005
					TeeJet TTI11004 (Red)	
40	15	10	24		TeeJet TTI11004 (Red)	
		12			TeeJet TTI11004 (Red)	
					TeeJet TTI11004 (Red)	TTI11004

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2018	296525	TERRE HAUTE	VIGO	IN	
2018	291606	WINNSBORO	FRANKLIN	LA	91.33
2018	300411	SAINT OLAF	CLAYTON	IA	
2018	302925	UNION BRIDGE	CARROLL	MD	
2018	304464	WINGATE	UNION	NC	
2018	295631	WINGATE	UNION	NC	
2018	305473	BRITTON	LENAWEE	MI	
2018	300650	EWING	LEWIS	MO	39.56
2018	299928	PARNELL	NODAWAY	MO	
2018	302170	ROPER	WASHINGTON	NC	
2018	296427	SHEFFIELD	BUREAU	IL	
2018	294632	DELHI	RICHLAND	LA	
2018	301331	NEWTON GROVE	SAMPSON	NC	
2018	305066	CHAMBERSBURG	PIKE	IL	39.83
2018	300041	GENESEO	HENRY	IL	
2018	305049	CHAMBERSBURG	PIKE	IL	39.82

	Off-Target	60	40	Soybeans	ENGENIA
18.42	Off-Target	42	42	Soybeans	ENGENIA
	Off-Target	42	10	Soybeans	ENGENIA
	Off-Target	20	1	Soybeans	ENGENIA
	Off-Target	4	1	Soybeans	ENGENIA
	Off-Target	4		Soybeans	ENGENIA
	Off-Target	56	10	Soybeans	ENGENIA
-91.48	Off-Target	62	8	Soybeans	ENGENIA
	Off-Target	80	45	Soybeans	ENGENIA
	Off-Target	30	30	Soybeans	ENGENIA
	Off-Target	55	5	Soybeans	ENGENIA
	Off-Target	80	30	Soybeans	ENGENIA
	Off-Target	10	3	Tobacco	ENGENIA
-90.82	Off-Target	120	60	Soybeans	ENGENIA
	Off-Target	15	23	Soybeans	ENGENIA
-90.79	Off-Target	80	10	Soybeans	ENGENIA

Yes	Yes	Yes	Yes	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes

Leaf cupping,Growing point inhibition,Node Stacking,Stunting,		50	50	10+	W
Leaf cupping,Stunting,Growing point inhibition,		50	50	1	NW
Leaf cupping,		50		0-5	E
Leaf cupping,		50	0	3-4	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, leaf cupping in to 2-3 trifoliates growing points green and healthy,	50		3-8	SW
Leaf cupping,Other-explain in box below,	leaf cupping in to 2-3 trifoliates growing points green and healthy,	50		3-8	SW
Leaf cupping,Other-explain in box below,	symptom pattern - gradient,	50	50	4.5	W
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	50		7	S
Leaf cupping,Stunting,		50	0	6	W
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	45		13	E
Leaf cupping,		40	120	2	S
Leaf cupping,Growing point inhibition,Stunting,Node Stacking,		40	150	5	NE
Leaf cupping,		40	110	7	W
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Liberty beans show cupping even where not affected by adjacent treatment.,	40	0	4	N
Leaf cupping,Node Stacking,Stunting,		35		8	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	35		4	N

Yes	N/A	Upon investigation Engenia was not used. Xtendimax purchased from another dealer was used
No	Drought	
No	Temperature Inversion	
No	Temperature Inversion	
Yes		
Yes		
Yes	N/A	Wind direction listed as W/NW
No	Temperature Inversion	
No		
Yes		Wind direction described as ENE, E
No	Other	Wind shifted when spraying
No	Temperature Inversion	
No		
No		
No	N/A	
No		

Yes	Yes	No	Grower Applied	Yes	Yes
Yes	Yes	No	Grower Applied	No	Yes
No	No	No		No	No
Yes	Yes	Yes	Grower Applied	No	No
				No	Yes
				No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
	Yes	Yes	Grower Applied	No	No
No	No	No		Yes	Yes
Yes	Yes		Custom Applied	No	Yes
No	Yes	No	Grower Applied	No	No
Yes	Yes	Yes	Grower Applied	No	Yes
No	No	No		No	No
Yes	Yes	Yes	Retailer Applied	No	No
No	No	No		No	No

No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	Yes	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	Yes	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No

No	Wind speed too high,Wind blowing towards sensitive crop,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Investigation and affected grower comments indicate wind was blowing towards sensitive crop vs direction that applicator indicated on spray records,
Yes	Unable to determine based on information provided,Other (additional description),	Application at night-afternoon evening. Field lays on N side of gravel road. Engenia field on south side. Wind direction was E-NE.
No	Application during inversion,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind blowing towards Liberty link soybeans at application. Symptoms in Liberty link soybeans extending 20' into field in gradient.
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind blowing towards Liberty link soybeans at application. Symptoms in Liberty link soybeans extending 20' into field in gradient.
No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,	
No	Unable to determine based on information provided,	
Yes	Wind speed too high,Other (additional description),Wind blowing towards sensitive crop,	The dicamba symptoms are clear cut. The 2,
No	Wind blowing towards sensitive crop,	
No	Application during inversion,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind was blowing parallel to Tobacco field. Most severe symptomology was on East side of field where applicator charged boom. Slight wind shifts through application may have caused symptomology.,
Yes	Other (additional description),	Insufficient buffer,
No	Unable to determine based on information provided,	
Yes	Other (additional description),	Insufficient buffer,

50	12	15	30		TeeJet TTI11004 (Red)	
					TeeJet TTI11004 (Red)	
40		16	24		TeeJet TTI11004 (Red)	
25	9	20	36		Other	ULD 120-05
					TeeJet TTI11004 (Red)	
40	10	20	24		Other	DR110-10
40		10	24		TeeJet TTI11004 (Red)	
			20		Other	TTI11005
40	12	15	20		Other	ULD 120-04
			24		TeeJet TTI11004 (Red)	
					Other	TTI11006
22	12	10	20		Other	TTI11006
51	10	15	24		TeeJet TTI11004 (Red)	
					Other	TTI11006

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2018	300364	DOUGHERTY	CERRO GORDO	IA	
2018	295680	GENESEO	HENRY	IL	
2018	296474	SWAN	MARION	IA	
2018	299184	OLON	JOHNSON	IA	41.79
2018	295244				
2018	295269	VINCENNES	KNOX	IN	
2018	296905	TOLEDO	TAMA	IA	
2018	304395	REDGRANITE	WAUSHARA	WI	
2018	302260	GENOA	OTTAWA	OH	41.521031
2018	304419	MIDDLETOWN	HENRY	IN	40.00
2018	299998				
2018	301461	SCHALLER	SAC	IA	42.47
2018	295487	PAXTON	FORD	IL	
2018	305484				
2018	305486	MOULTON	APPANOOSE	IA	
2018	294625	GREENFIELD	GREENE	IL	
2018	302262	GRAYTOWN	OTTAWA	OH	41.524197

	Off-Target	80	1	Soybeans	ENGENIA
	Off-Target	40	10	Soybeans, DT	ENGENIA
	Off-Target	80	11	Soybeans	ENGENIA
-91.32	Off-Target	41	2	Soybeans	ENGENIA
	Off-Target			Peach Tree	ENGENIA
	Off-Target	100	100	Soybeans	ENGENIA
	Off-Target	40	15	Soybeans	ENGENIA
	Off-Target	65	24	Soybeans	ENGENIA
-83.242290	Off-Target	80	40	Soybeans	ENGENIA
-85.40	Off-Target	105	1	Soybeans	ENGENIA
	Off-Target	176	10	Soybeans	ENGENIA
-95.18	Off-Target	160	30	Soybeans	ENGENIA
	Off-Target	120	20	Soybeans	ENGENIA
	Off-Target	48	11	Soybeans	ENGENIA
	Off-Target	32	10	Soybeans	ENGENIA
	Off-Target	80	10	Soybeans	ENGENIA
-83.239685	Off-Target	12	8	Soybeans	ENGENIA

Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No

Leaf cupping,		30	0	5-7	W
Leaf cupping,Stunting,		30	30	5	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	30	20	5-9	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	28		3-5	E
Leaf cupping,		25	10	3-8	S
Leaf cupping,Stunting,Node Stacking,		25	25	7	N
Leaf cupping,		25	25	4-10	
Leaf cupping,		25	0	4	NE
Leaf cupping,		20	0	5	SE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, first saw 2 weeks prior, field N sprayed with Engenia July 4th (Engenia, Powermax, Zarra, Pointblank DRI),	20			E
Leaf cupping,		20		4-6	N
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,	20	20	12	S
Leaf cupping,Node Stacking,Stunting,		20		4-5	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	20		5	E
Leaf cupping,Node Stacking,Other-explain in box below,	Symptom pattern-gradient,	20	0	5-8	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	20		5-10	W
Leaf cupping,		20	0	5	SE

No	Unusual Rainfall	ponding in a low area of DT soybean field, water ran across non dicamba beans.
Yes	N/A	Should not have been sprayed. Wind was blowing towards Liberty Link Beans
No		
No		
No	Temparature Inversion	
Yes	Other	
Yes	Other	Wind
No	Temparature Inversion	wind very low in a marshy enviroment
Yes	N/A	
No	N/A	
Yes	Other	Wind
	Temparature Inversion	
Yes		
Yes		
No		
Yes	N/A	

Yes	Yes	Yes	Grower Applied	No	No
Yes	Yes	Yes	Grower Applied	No	Yes
Yes	No	No		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes	Custom Applied	No	No
Yes	Yes	Yes	Grower Applied	No	Yes
Yes	Yes			No	No
Yes	Yes	Yes	Grower Applied	No	No
Yes	Yes	Yes	Custom Applied	No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	No	Custom Applied	No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes	Custom Applied	No	Yes

No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	Yes	No	No
No	No	No	No	No
No	No	No	No	No
No	No	Yes	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
Yes	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No

Yes	Other (additional description),	Ponding of water in low area of field, water then moved across fence and continued through low areas of non-DT soybeans,
No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,Other (additional description),	Unsure what happened,
Yes	Unable to determine based on information provided,Other (additional description),	Wind direction: ESE @5- East @ 3 mph,
No	Application during inversion,	
No	Wind blowing towards sensitive crop,	
No		
No	Application during inversion,	
No	Wind blowing towards sensitive crop,	
No		
No	Incorrect nozzle,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind was blowing directly from south but shifted slightly to south-southeast during application.,
Yes	Other (additional description),	Inversion Applicator was Crop Production Services,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction reported East Northeast,
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	I suspect wind shifted a little while spraying to drift onto said field to the south.,
No	Wind blowing towards sensitive crop,	

50	8	15	24		Other	TTI 11004
45	11	20	24		TeeJet TTI11004 (Red)	
20	9	15	48		Other	TTI11005
		15	24		TeeJet TTI11004 (Red)	
40	8	14	12		TeeJet TTI11004 (Red)	
	10	15	24		TeeJet TTI11004 (Red)	
40	6	20	24		TeeJet TTI11004 (Red)	
65	12	15	24		Other	TTi 11006
		15			TeeJet TTI11004 (Red)	
30	6	20	18		Other	Ai11004
30	14	14			Other	ULD120-05
60	15	15	24		Other	TTI11005
40	10	15	24		TeeJet TTI11004 (Red)	
					TeeJet TTI11004 (Red)	
45	12	15	20		Other	TTI11005
65	12	15	24		Other	TTI 11006

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2018	298831	LAURENS	POCAHONTAS	IA	42.63
2018	302259	GENOA	OTTAWA	OH	41.549951
2018	300919				
2018	295485	LUDLOW	CHAMPAIGN	IL	
2018	295470	PAXTON	FORD	IL	
2018	295512	ELVASTON	HANCOCK	IL	
2018	298547	ANNAWAN	HENRY	IL	
2018	296479	ALEDO	MERCER	IL	
2018	296481	ALEDO	MERCER	IL	
2018	301947	HOPKINS	ALLEGAN	MI	
2018	295486	LUDLOW	CHAMPAIGN	IL	
2018	296980	FAIRBURY	LIVINGSTON	IL	40.55
2018	299182	WALCOTT	SCOTT	IA	

-94.83	Off-Target	80	3	Soybeans	ENGENIA
-83.412841	Off-Target	85	40	Soybeans	ENGENIA
	Off-Target	80	80	Soybeans	UNKNOWN AUXIN
	Off-Target	160	10	Soybeans	ENGENIA
	Off-Target	100	15	Soybeans	ENGENIA
	Off-Target	15	15	Soybeans	ENGENIA
	Off-Target	170	140	Soybeans	ENGENIA
	Off-Target	40	10	Soybeans	ENGENIA
	Off-Target	160	20	Soybeans	ENGENIA
	Off-Target	30	2	Soybeans	ENGENIA
	Off-Target	145	140	Soybeans	ENGENIA
-88.41	Off-Target	160	40	Soybeans	ENGENIA
	Off-Target	36	36	Soybeans	UNKNOWN AUXIN

Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	Yes	Yes	Yes	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	Yes	Yes	Yes	Yes

Leaf cupping,Other-explain in box below,	Symptom pattern-gradient. Slight cupping on 4 to 12 rows along north border. Slight cupping of leaves, no blossom loss, new growth on growing point.,	20	20		N
Leaf cupping,		19	0	8	SW
Leaf cupping,		15		5-7	E
Leaf cupping,Node Stacking,		15		4	SW
Leaf cupping,Node Stacking,		15		5-10	W
Leaf cupping,		15	0	9	SE
Leaf cupping,Other-explain in box below,	Cupping of 3-4 trifoliates,	15		10	SE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Slight Leaf Cupping,	10		8-9	W
Leaf cupping,Node Stacking,Stunting,Growing point inhibition,Other-explain in box below,	Small growing point inhibition next to point source. Node stacking next to couple rows North. Leaf cupping on shape - West East,	10		5-7	NW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,	10		6	SE
Leaf cupping,Node Stacking,		10		4	SW
Leaf cupping,Other-explain in box below,Node Stacking,	Node stacking in low areas. More cupping in the NW corner of the field next to Engenia application by Wegner. More cupping in lower areas. Also water injury in low areas,	6	0	6	SE
Leaf cupping,Growing point inhibition,Other-explain in box below,Node Stacking,Stunting,	Symptom pattern-uniform,	5	60	5	SE

Yes	Other	Wind-calm
Yes	N/A	
No		
No	Temparature Inversion	
No		
Yes	N/A	
Yes		
No		
No		
No	Other	Hot & humid
No		
No	Other	Excess Water. Otherwise normal
Yes		

Yes				No	No
Yes	Yes	Yes	Custom Applied	No	Yes
				No	No
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes	Grower Applied	No	No
Yes	Yes	Yes		No	Yes
	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	Yes

No	No	No	No	No
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	No	No	No	No

No		
No	Wind blowing towards sensitive crop,	
Yes	Contamination (tank, system, etc.),Other (additional description),	Uniform-appears to be unknown tank contaminate,
Yes	Other (additional description),	Inversion, Believe to have temperature inversion set in during spraying, although weather readings before 3 after suggest otherwise.,
Yes	Unable to determine based on information provided,Other (additional description),	Applicator was Crop Production Services,
No	Wind blowing towards sensitive crop,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Leaf cupping gradient in severity throughout field.
No	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,Other (additional description),	Applicator-Name Not Found/ Wind Direction-WNW,
Yes	Other (additional description),	Insufficient buffer selected. Aim Command system was used.There was about 7' buffer of tall weeds between the field sprayed and affected field. Retailer & grower have agreed to take the 2.5 acre affected strip to yield in the fall.
Yes	Contamination (tank, system, etc.),Other (additional description),	No cupping on corners where sprayer turned Applicator was Crop Production Services,
Yes	Other (additional description),	Water stress in low areas. Appears to be slowly recovering from cupping.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Sprayed over 3 days. Sprayed north part of field by applicator on 6/16/18. 6/12 WW,

40					Other	ULD120-06
65	12	15	20		Other	TTI 11006
			24		Other	TTI11005
60	15	15	24		Other	TTI11005
60	15	15	24		Other	TTI11005
	12		24		Other	TTI11005
					Other	TTI11006
					Other	TTI1008
					Other	TTI11004
30		10	24		Other	TTI11005
60	15	15	24		Other	TTI11005
40	12	15	24		Other	UR110-10
45	6	25	20		Other	TTI11005

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2018	302258	OAK HARBOR	OTTAWA	OH	41.55886
2018	302257	OAK HARBOR	OTTAWA	OH	
2018	298419	SAVOY	CHAMPAIGN	IL	
2018	298414	LODA	IROQUOIS	IL	
2018	295146	PETERSBURG	MENARD	IL	
2018	299923				
2018	294982	BLOOMINGTON	MC LEAN	IL	40.43
2018	295099	TREMONT	TAZEWELL	IL	40.48
2018	294624	BLOOMINGTON	MC LEAN	IL	
2018	299527	INDUSTRY	MC DONOUGH	IL	
2018	300008	WILLIAMSPORT	PICKAWAY	OH	
2018	302265	ERIE	MONROE	MI	41.82787
2018	299310	KENTON	HARDIN	OH	
2018	299147	BURNSIDE	HANCOCK	IL	
2018	297058	ROSSVILLE	VERMILION	IL	
2018	300136	LOWDEN	CEDAR	IA	41.91
2018	302263	ERIE	MONROE	MI	41.76124
2018	307944	CARRINGTON	FOSTER	ND	
2018	295469	BUSHNELL	MC DONOUGH	IL	
2018	295462	BURNSIDE	HANCOCK	IL	
2018	296059				
2018	307844	CARRINGTON	FOSTER	ND	
2018	300446	Morenci	Lenawee	MI	41.75404

-83.17968	Off-Target	27	12	Soybeans	ENGENIA
	Off-Target	65	15	Soybeans	ENGENIA
	Off-Target	100	50	Soybeans	ENGENIA
	Off-Target	27	20	Soybeans	ENGENIA
	Off-Target	86	86	Soybeans	ENGENIA
	Off-Target	40	3	Peanuts	ENGENIA
-89.25	Off-Target	164	60	Soybeans	ENGENIA
-89.33	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	80	5	Soybeans	ENGENIA
	Off-Target	80	30	Soybeans	ENGENIA
	Off-Target	81	5	Soybeans	ENGENIA
-83.45672	Off-Target	24	5	Soybeans	ENGENIA
	Off-Target	74	30	Soybeans	ENGENIA
	Off-Target	44	30	Soybeans	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA
-91.04	Off-Target	60	14	Soybeans	ENGENIA
-83.50853	Off-Target	98	30	Soybeans	ENGENIA
	Off-Target	75	10	Soybeans	ENGENIA
	Off-Target	80	10	Soybeans	ENGENIA
	Off-Target	40	15	Soybeans	ENGENIA
	Off-Target	20	20	Soybeans	ENGENIA
	Off-Target	140	30	Soybeans	ENGENIA
84.18053	Off-Target	75	60	Soybeans	ENGENIA

Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	Yes
Yes	No	No	No	No

Leaf cupping,		5	0	9	NW
Leaf cupping,		5	0	9	W
Leaf cupping,Stunting,Node Stacking,		5		3-6	N
Leaf cupping,Node Stacking,Stunting,		5		4-6	NE
Leaf cupping,Stunting,		3	0	6	NE
Leaf cupping,		3	0		
Leaf cupping,Stunting,		3	0	4	S
Leaf cupping,Stunting,		3	0	8	SE
Leaf cupping,Node Stacking,		3		5	SE
Leaf cupping,		2		3-5	SE
Leaf cupping,		2	0	5-10	SW
Leaf cupping,		2	0	6	NW
Leaf cupping,		2	260	3	S
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,	2			
Leaf cupping,Node Stacking,		2	0		
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient, Node stacking to far east. Roughly 120 foot along East field boundary.,	2		5	SE
Leaf cupping,		2	0	6	NW
Leaf cupping,Other-explain in box below,	symptom pattern - gradient,	1		4	N
Leaf cupping,Node Stacking,		1		2-7	SE
Leaf cupping,Node Stacking,		1	0	3-8	SE
Leaf cupping,Growing point inhibition,		1	1	6-9	NE
Leaf cupping,Other-explain in box below,Node Stacking,Stunting,	Symptom pattern - Gradient,	1		8	NW
Leaf cupping,		0	0	5-7	SE

Yes	N/A	
Yes	N/A	
No		
No	Temparature Inversion	
No	Other	Normal
No	Other	Normal
No	Other	Normal
No	Other	normal
No		
Yes	N/A	applicator thought neighboring beans were dicamba tolerant based on a conversion he had with his neighboring grower
Yes	N/A	
Yes	Other	Very hot, in the 90's on day of application
	Temparature Inversion	
Yes		
Yes	N/A	
No		wind started from the north was northwest at the end
Yes	N/A	
Yes	N/A	
Yes	N/A	
No		
Yes	N/A	

Yes	Yes	Yes	Custom Applied	No	Yes
Yes	Yes	Yes	Custom Applied	No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
				No	Yes
Yes	Yes	Yes		No	No
				No	No
Yes	Yes	Yes		No	No
Yes	Yes			No	Yes
Yes	Yes	Yes	Grower Applied	No	Yes
Yes	Yes	Yes	Custom Applied	No	Yes
Yes	Yes	No		No	Yes
				No	Yes
				No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes	Custom Applied	No	Yes
Yes	No	No		No	No
Yes	No	Yes		No	Yes
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes	Custom Applied	No	Yes
Yes	No	No		No	No
Yes	Yes	Yes	Grower Applied	No	Yes



No	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,	
No	Unable to determine based on information provided,	
Yes	Other (additional description),	Suspected temp inversion.
Yes	Other (additional description),	Cupping Uniform Across Field,
No	Wind blowing towards sensitive crop,	
No	Unable to determine based on information provided,	
Yes	Other (additional description),	Seed corn in area of which most is applied with Dicamba product.,
Yes	Other (additional description),	Field to west may have had a Dicamba application. Troyer field on north of affected.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction changer during application.,
No	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,Unlabeled tank-mix,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Drift from neighboring xtend soybeans.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Insufficient buffer,
Yes	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Rep received a call on Aug 28, 2018 to look at affected field. Rep wants noted that he was in communication.
No	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,	
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Rep was called on Aug 28, 2018 to look at alleged dicamba symptomology on LL Soybeans.,
No	Wind blowing towards sensitive crop,	

65	12	15	24		Other	TTI 11006
80	10	15	24		Other	TTI 11006
60	15	15	24		Other	TTI11005
60	15	15	24		Other	TTI11005
50	15	15	24		Other	TTI1106
50	13	15	24		Other	TTI11005
30	13	15	24		Other	TTI11006
40	12	11	24		TeeJet TTI11004 (Red)	
40	12	15	24		Other	TTI11005
	9	16			TeeJet TTI11004 (Red)	
80	12	15	24		Other	TTI 11005
65	12	15	24		Other	TTI 11005
					Other	TTI11005
		15	24		Other	TTI11005
80	12	15	24		Other	TTI 11005
					Other	UR110-08
40	12	15	24		Other	TTI11005
40	12	15	24		Other	TTI11005
80	13	15	20		Other	TTI 11005
					Other	UR110-08
50	12	15	24		Other	TTI 11005

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2018	298425	ARROWSMITH	MC LEAN	IL	40.53
2018	307325	SAND CREEK	LENAWEE	MI	41.7816
2018	303427	NASHVILLE	WASHINGTON	IL	38.3962
2018	297059	FAIRBURY	LIVINGSTON	IL	40.62
2018	298832	LYON	COAHOMA	MS	33.16
2018	305687	BRONAUGH	VERNON	MO	
2018	295906	DWIGHT	LIVINGSTON	IL	
2018	295648	LEXINGTON	LAFAYETTE	MO	
2018	299229	PLYMOUTH	HANCOCK	IL	
2018	299530	WARREN	HUNTINGTON	IN	
2018	296418	FRANKFORD	PIKE	MO	
2018	296566	BRUNSWICK	CHARITON	MO	
2018	295917	LAKE PROVIDENCE	EAST CARROLL	LA	
2018	295228	SEWANEE	FRANKLIN	TN	34.69
2018	300927				
2018	300266	STEWART	LEE	IL	41.83

-88.63	Off-Target	160	10	Soybeans	ENGENIA
84.2052	Off-Target	60	10	Soybeans	ENGENIA
-89.4143	Off-Target	38	30	Soybeans	ENGENIA
-88.48	Off-Target	97	15	Soybeans	ENGENIA
-90.51	Off-Target	305	305	Soybeans	UNKNOWN AUXIN
	Off-Target	360	18	Soybeans	ENGENIA
	Off-Target	80	60	Soybeans	ENGENIA
	Off-Target	50	25	Soybeans	ENGENIA
	Off-Target	40	20	Soybeans	UNKNOWN AUXIN
	Off-Target	80	2	Soybeans	ENGENIA
	Off-Target	150	20	Soybeans	ENGENIA
	Off-Target	150	60	Soybeans	ENGENIA
	Off-Target	1,100	420	Soybeans	UNKNOWN AUXIN
-87.32	Off-Target	300	300	Soybeans	ENGENIA
	Off-Target	80	80	Soybeans	UNKNOWN AUXIN
-88.99	Off-Target	80	15	Soybeans	UNKNOWN AUXIN

Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	Yes	Yes	Yes	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes

Leaf cupping,Other-explain in box below,	Leaves cupped on NE corner of Bane field showing a pattern of coming from the Reeves field.,	0	0	10	W
Leaf cupping,		0	0	5.2	SE
Leaf cupping,Other-explain in box below,	Slight cupping & scattered. Gradient pattern.,	0	0	5.6	NW
Leaf cupping,Other-explain in box below,	Extreme SW corner of field next to the Engenia applied field is cupped. Low areas of field showing water stress.,	0	0	2	E
Leaf cupping,Other-explain in box below,Node Stacking,Stunting,	Symptom pattern-gradient, Field was also investigated 6/27/18 as noted on FSR form.,				
Leaf cupping,Growing point inhibition,Node Stacking,Stunting,					
Leaf cupping,Stunting,					
Leaf cupping,Other-explain in box below,Stunting,	Symptom pattern-gradient,		50		
Leaf cupping,Node Stacking,Other- explain in box below,	Symptom pattern-gradient,				
Leaf cupping,					
Leaf cupping,					
Leaf cupping,			180	4-5	S
Leaf cupping,					
Leaf cupping,Other-explain in box below,Node Stacking,Stunting,	Symptom pattern-uniform,				
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,				
Leaf cupping,Other-explain in box below,Stunting,	This is another RR2 soybean field due east of the field of Mike Peters.,				

	Other	Normal
Yes		
No	N/A	
No	Other	Excess Rainfall. Otherwise Normal
	Drought	
Yes	Drought	dry
	Temparature Inversion	

Yes	Yes	Yes		No	No
Yes	Yes	Yes	Grower Applied	No	Yes
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
				No	No
No	No	No		No	Yes
				No	No
				No	No
				No	No
				No	Yes
				No	No
Yes	Yes			No	No
				No	No
No	No	No		No	No
				No	No
				No	No



Yes	Unable to determine based on information provided,Other (additional description),	Windshifting from W to NW during application as per weather history.
No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,Other (additional description),	Unable to determine - field was upwind,
Yes	Other (additional description),	Wind blowing away from field at start of application,
No		
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	The complete claim is #296125.,
No		
Yes	Other (additional description),	Drift came from Xtend soybean field to north of affected field. xtendi-max,
No	Wind blowing towards sensitive crop,	
No		
No		
No		
Yes	Unable to determine based on information provided,Other (additional description),	Suspected planting date was 5-1-2018 and the suspected spray date was 5-18-2018. Grower allegedly used a hooded sprayer potentially with flatfan tips. He was provided TTI11004 tips for his John Deere sprayer but he refuses to talk about the situation. This has been investigated by the Alabama Department of Agriculture.,
Yes	Contamination (tank, system, etc.),Other (additional description),	Unknown Auxin tank contamination with Round-up on Round-up soybeans.,
Yes	Unable to determine based on information provided,Other (additional description),	Will have a follow up on this field.,

65	13	15	24		Other	TTI11005
50	8	20	24		Other	TTI110025
35	10	15	24		Other	TTI11005
40	12	15	24		Other	UR110-10
	8	13	20		TeeJet TTI11004 (Red)	
					Other	TTI11004 or unknown

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2018	294634	COLFAX	GRANT	LA	
2018	299134	CAMDEN	CARROLL	IN	
2018	300681	PORTLAND	TRAILL	ND	
2018	301694	KIMMELL	NOBLE	IN	
2018	300594	MAUD	SHELBY	MO	
2018	296963	WINDFALL	TIPTON	IN	40.35
2018	295205	BLYTHEVILLE	MISSISSIPPI	AR	35.59
2018	298615	BELZONI	HUMPHREYS	MS	33.1153
2018	300925	DALLAS CITY	HANCOCK	IL	
2018	300347	WISHEK	MCINTOSH	ND	
2018	296193	HUMESTON	WAYNE	IA	
2018	298086	HAUBSTADT	GIBSON	IN	
2018	300341	GENESEO	HENRY	IL	
2018	305854	WARRENSBURG	MACON	IL	
2018	296410	LAKENAN	SHELBY	MO	
2018	295518	DONNELLSON	LEE	IA	
2018	294618	GOODLAND	NEWTON	IN	
2018	295786	TALLULA	MENARD	IL	
2018	294991	ACKERLY	MARTIN	TX	

	Off-Target	140	35	Soybeans	ENGENIA
	Off-Target	186	15	Soybeans	ENGENIA
	Off-Target	540	540	Soybeans	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA
	Off-Target	69	20	Soybeans	ENGENIA
-85.88	Off-Target	160	160	Soybeans	ENGENIA
-89.54	Off-Target	50	50	Soybeans	UNKNOWN AUXIN
-90.4742	Off-Target	1,450	1450	Soybeans	UNKNOWN AUXIN
	Off-Target	80	40	Soybeans	ENGENIA
	Off-Target	206	166	Soybeans	ENGENIA
	Off-Target	150	15	Soybeans	ENGENIA
	Off-Target	78	78	Soybeans	ENGENIA
	Off-Target	31	30	Soybeans	ENGENIA
	Off-Target	72	72	Soybeans	ENGENIA
	Off-Target	100	20	Soybeans	ENGENIA
	Off-Target	20	20	Soybeans	UNKNOWN AUXIN
	Off-Target	64	64	Soybeans	ENGENIA
	Off-Target	198	198	Soybeans	UNKNOWN AUXIN
	Off-Target	200	40	Cotton	UNKNOWN AUXIN

Yes	Yes	Yes	Yes	No
Yes	Yes	Yes	Yes	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
No	No	No	No	Yes

Leaf cupping,Growing point inhibition,Stunting,Node Stacking,					
Leaf cupping,Other-explain in box below,Growing point inhibition,	Mostly cupped beans observed.,		120	5	E
Leaf cupping,Stunting,Other-explain in box below,	Symptom pattern - uniform,				
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,				
Leaf cupping,					
Leaf cupping,			120	9	SW
Leaf cupping,Other-explain in box below,	Uniform minor leaf cupping, affected plants 2-3 trifoliates,				
Leaf cupping,Other-explain in box below,Node Stacking,Stunting,	Symptom pattern-uniform, Soybeans looked much better on second visit,				
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,				
Leaf cupping,Other-explain in box below,Node Stacking,Stunting,	Symptom pattern-gradient,			7	SE
Leaf cupping,					
Leaf cupping,Stunting,					
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient, Leaf cupping,			5-8	NW
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,			4.7	W
Leaf cupping,					
Leaf cupping,Node Stacking,					
Leaf cupping,				3-6	SW
Leaf cupping,					
Other- explain in box below,	Leaf strapping, elongation.,				

Yes	Temparature Inversion	
Yes		
Yes		
No		
Yes	Other	
	Other	

				No	Yes
Yes	Yes	Yes		No	No
				No	No
				No	No
				No	No
Yes	Yes	Yes		No	Yes
				No	No
				No	No
				No	No
Yes		Yes		No	Yes
				No	No
				No	No
Yes	Yes	Yes		No	Yes
Yes	Yes	Yes		No	No
				No	No
				No	No
Yes	Yes	Yes		No	No
				No	No
				No	No

No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No

No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,Other (additional description),	Wind was blowing east to northeast.,
Yes	Other (additional description),	Call Log,
No		
No		
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind direction was recorded as SSW then to WSW. Distance from target site was recorded as across the road.
No		
No		
Yes	Contamination (tank, system, etc.),Other (additional description),	Round-up soybeans slight tank contamination on part of load.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	RU & LV6 (8 oz) ,
Yes	Other (additional description),	BASF rep will walk the week of 7-9-18,
Yes	Other (additional description),	Do not have information from other growers to determine where source of off-target movement came from.,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Field to NW across tree line wind changed to a NW wind blowing toward field.,
Yes	Unable to determine based on information provided.	
No		
Yes	Other (additional description),	Uniform symptoms across entire 20-acre field. Wild grapes in Southwest corner unaffected.,
Yes	Other (additional description),	Closest weather station indicated wind was coming out of the west. Upon further investigation,
No		
Yes	Other (additional description),	Probably came from south,

					Other	UR110-10
40	7	15	24		Other	UR110-10
40	12	15	24		Other	TTI11005
					Other	TTI11005
	14	12	24		Other	TTI11005
30	10	20	24		Other	UR110-10

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2018	300509	WILTON	MCLEAN	ND	
2018	300164	URICH	HENRY	MO	
2018	297188	TALLULA	MENARD	IL	
2018	295919	WELLSBURG	GRUNDY	IA	
2018	291485	DELHI	RICHLAND	LA	
2018	297379	CHADWICK	CARROLL	IL	41.9223
2018	299180	DONAHUE	SCOTT	IA	41.40
2018	300243	DELAWARE	DELAWARE	OH	40.38
2018	305678	BRONAUGH	VERNON	MO	
2018	305715	WARRENSBURG	MACON	IL	
2018	294619	NORMAL	MC LEAN	IL	
2018	300646	PRAIRIE CITY	MC DONOUGH	IL	
2018	297280	BETHEL	SHELBY	MO	
2018	302884	WILLIAMSTON	INGHAM	MI	42.15
2018	300091				
2018	300408	BIG ROCK	KANE	IL	42.83
2018	296414	LAKENAN	SHELBY	MO	

	Off-Target	160	135	Flax	ENGENIA
	Off-Target	25	8	Soybeans	UNKNOWN AUXIN
	Off-Target	156	156	Soybeans	ENGENIA
	Off-Target	80	80	Soybeans, DT	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA
89.7894	Off-Target	150	150	Soybeans	ENGENIA
-90.37	Off-Target	34	34	Soybeans	UNKNOWN AUXIN
-83.00	Off-Target	120	70	Soybeans	ENGENIA
	Off-Target	360	200	Soybeans	UNKNOWN AUXIN
	Off-Target	74	74	Soybeans	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA
	Off-Target	260	160	Soybeans	UNKNOWN AUXIN
	Off-Target	120	60	Soybeans	ENGENIA
-84.21	Off-Target	120	30	Soybeans	ENGENIA
	Off-Target	65	65	Soybeans	UNKNOWN AUXIN
-88.99	Off-Target	150	65	Soybeans	UNKNOWN AUXIN
	Off-Target	50	10	Soybeans	ENGENIA

No	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
No	No	No	No	Yes
Yes	Yes	Yes	Yes	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	Yes	Yes	Yes	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	Yes	Yes	Yes	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No

Stunting,Other- explain in box below,	Symptom pattern-gradient, Discolored,			7	NE
Leaf cupping,					
Leaf cupping,					
Other- explain in box below,	Large weeds slowly dying,				
Leaf cupping,Node Stacking,Stunting,Growing point inhibition,					
Leaf cupping,Node Stacking,Stunting,				7.4	SW
Leaf cupping,Other-explain in box below,Node Stacking,Stunting,	Symptom pattern-uniform, Uniform symptomology in all areas of field.,			10	S
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,			6-7	SW
Leaf cupping,Node Stacking,Stunting,					
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,			5	W
Leaf cupping,				5	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,				
Leaf cupping,Node Stacking,Stunting,				5-7	W
Leaf cupping,Growing point inhibition,Other-explain in box below,Stunting,	Symptom pattern - gradient,			5	
Leaf cupping,					
Leaf cupping,Other-explain in box below,Stunting,	Field showed leaf cupping and stunting in a broad uniform swath from southwest corner diagonally to the northeast opposite corner. Symptoms showed up late in this field of mostly R3 beans with upper leaves most affected.,				
Leaf cupping,					

Yes		
No		
	N/A	
No		
Yes		
	Drought	
No		
	Other	Normal
Yes		
Yes		
	Other	Unspecified

				No	Yes
No	No	No		No	Yes
				No	No
				No	No
				Yes	Yes
Yes	Yes	Yes	Custom Applied	No	No
Yes	Yes	Yes		No	No
				No	Yes
No	No	No		No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
				No	No
				No	Yes
				No	Yes
				No	No
Yes	Yes			No	No
				No	No

No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No

No	Wind blowing towards sensitive crop,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Field 1 appeared uniform from one end to other + followed sprayer pattern. Field 2 is gradient.,
No		
Yes	Other (additional description),	Weeds were over 4" in height when sprayed. Zidua Pro & Engenia is still working, weeds will eventually die. No follow for this claim is needed.
No	Wind speed too high,Wind blowing towards sensitive crop,	
No		
Yes	Contamination (tank, system, etc.),Other (additional description),	Wind direction-north blowing south-pre-spraying.
No	Wind blowing towards sensitive crop,	
Yes	Contamination (tank, system, etc.),Other (additional description),	Tank contamination when liberty was sprayed.,
Yes	Unable to determine based on information provided.	
Yes	Other (additional description),	Variable wind direction during application,
No		
No	Wind blowing towards sensitive crop,	
Yes	Wind blowing towards sensitive crop,Other (additional description),	Insufficient buffer,
No		
Yes	Unable to determine based on information provided,Other (additional description),	Further information is being sought from neighboring fields.,
No		

					Other	TTI11005
		12			TeeJet TTI11004 (Red)	
40	12	20	24		TeeJet TTI11004 (Red)	
43	11	18	30		Other	TTI11006
					Other	TTI11005
	14	12	24		Other	TTI11005
					Other	TTI11005
40	9	18	24		Other	DR110-10
					Other	TTI11005

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2018	295564	BENTON	SCOTT	MO	36.99
2018	297288	NEWTON	JASPER	IL	
2018	300680	CLIFFORD	TRAILL	ND	
2018	305858	CLARION	WRIGHT	IA	42.79
2018	295951	BUTLER	BATES	MO	
2018	296571	PARIS	MONROE	MO	
2018	298401	MILFORD	DICKINSON	IA	43.30
2018	292205	CUSTER PARK	WILL	IL	
2018	300165	COLUMBIA CITY	WHITLEY	IN	
2018	297285	CALLAO	MACON	MO	
2018	302944	POCAHONTAS	POCAHONTAS	IA	42.69
2018	305522	CROTHERSVILLE	JACKSON	IN	38.86
2018	296438	OLIVE BRANCH	DESOTO	MS	
2018	307144	WESSINGTON SPRINGS	JERAULD	SD	

-89.73	Off-Target	240	240	Soybeans	UNKNOWN AUXIN
	Off-Target	80	2	Soybeans	ENGENIA
	Off-Target	150	150	Soybeans	ENGENIA
-93.57	Off-Target	160	13	Soybeans	ENGENIA
	Off-Target	300	20	Soybeans	ENGENIA
	Off-Target	240	240	Soybeans	UNKNOWN AUXIN
-95.09	Off-Target	80	5	Soybeans	ENGENIA
	Off-Target	1,000	1000	Soybeans	ENGENIA
	Off-Target	65	5	Soybeans	ENGENIA
	Off-Target	120	120	Unselected	UNKNOWN AUXIN
-94.78	Off-Target	56	56	Soybeans	ENGENIA
-85.88	Off-Target	20	20	Soybeans	UNKNOWN AUXIN
	Off-Target	200	200	Soybeans	UNKNOWN AUXIN
	Off-Target	64	64	Soybeans	UNKNOWN AUXIN

Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	Yes	Yes	Yes	No

Leaf cupping,Node Stacking,					
Leaf cupping,Node Stacking,					
Leaf cupping,Stunting,Other-explain in box below,	Symptom pattern - uniform,				
Leaf cupping,Stunting,Node Stacking,Other- explain in box below,	Symptom pattern-gradient, First 60 ft. across fence showed signs of node stacking and stunting. Leaf cupping was gradually disappeared 400-500 fr. in field.,		120	15-18	S
Leaf cupping,					
Leaf cupping,Other-explain in box below,	bootstrapping/crowsfeeti ng narrow elongated leafs,				
Leaf cupping,Stunting,Other-explain in box below,	Only water stressed low lying areas of the field are showing symptoms of leaf cupping and stunting. They symptoms can be found through out the whole field but only in the immediate area around a drowned out area.,			5-10	NW
Leaf cupping,Other-explain in box below,	drawstring,				
Leaf cupping,					
Leaf cupping,Node Stacking,Stunting,				9-10	SE
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,			6	
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,				
Leaf cupping,Stunting,				1-3	NE
Leaf cupping,Growing point inhibition,					

	Flood	
Yes	Other	Weather Underground historical
		Pattern matched sprayer.
No	Unusual Rainfall	
Yes	Temparature Inversion	
Yes	Temparature Inversion	

				No	No
Yes				No	No
				No	No
				Yes	Yes
				No	No
				No	No
Yes	No	No		No	No
				No	No
				No	No
				No	No
Yes	Yes	Yes		No	No
				No	No
			Grower Applied	No	No
				No	No

No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	No	Yes	No	Yes
No	No	No	No	Yes

Yes	Unable to determine based on information provided,Other (additional description),	Uniformity of symptoms suspect temperature inversion. All acres irrigated center pivot, zero terminal inhibition, newest trifoliate not showing any symptoms, some early node stacking but newest internodes normal spacing.
Yes	Other (additional description),	Water carried dicamba into the field
Yes	Other (additional description),	Call Log
Yes	Wind speed too high,Other (additional description),Wind blowing towards sensitive crop,	Wind direction reported as SSE. 120 ft. buffer was left and then sprayed on a later date.
No		
No		
Yes	Other (additional description),	Symptoms are similar to that of water-stressed beans or that of rapid growth syndrome after being stunted by excessive moisture. 2 small areas of the field had a path for runoff potential from sprayed field but other areas on the north side of field do not. Affected grower did not see/report symptoms to customer/applicator until 7/7.
No		
No		
Yes	Other (additional description),	Temperature inversion more directly from target field to injured field.,
Yes	Contamination (tank, system, etc.),Other (additional description),	Previous tank mix on first field was not in same area as second field. Applicator triple rinsed sprayer before spraying second field but enough of previous tank mix was stuck some where in sprayer yet.,
Yes	Other (additional description),	Unknow Auxin Herbicide,
No	Application during inversion,Unable to determine based on information provided,	
No	Unable to determine based on information provided,	

30		15			Other	DR110-10
					Other	TTI11005
35	9	15	24		Other	TTI11005

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2018	295579	PAXTON	FORD	IL	
2018	301329	EMPORIA	GREENSVILLE	VA	
2018	300166	WARREN	HUNTINGTON	IN	
2018	305906	WARRENSBURG	MACON	IL	
2018	295208	BLYTHEVILLE	MISSISSIPPI	AR	35.55
2018	300924	GLADSTONE	HENDERSON	IL	
2018	305691	APPLETON CITY	SAINT CLAIR	MO	
2018	295551	PLEASANT PLAINS	SANGAMON	IL	39.87
2018	296690	WESSINGTON SPRINGS	JERAULD	SD	44.18124817
2018	297464	RTP	DURHAM	NC	
2018	299152	HUNTINGTON	HUNTINGTON	IN	
2018	301265	KENNETT	DUNKLIN	MO	36.34
2018	296412	GRAYSVILLE	PUTNAM	MO	
2018	296464	GALVA	HENRY	IL	

	Off-Target	78	65	Soybeans	ENGENIA
	Off-Target	10	5	Soybeans	ENGENIA
	Off-Target	120	3	Soybeans	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA
-89.54	Off-Target	360	360	Soybeans	UNKNOWN AUXIN
	Off-Target	60	60	Soybeans	UNKNOWN AUXIN
	Off-Target	25	10	Soybeans	ENGENIA
-89.94	Off-Target	38	38	Soybeans	ENGENIA
98.45745742	Off-Target		150	Soybeans	UNKNOWN AUXIN
	Off-Target	600	300	Cotton	UNKNOWN AUXIN
	Off-Target	78	3	Soybeans	ENGENIA
-90.01	Off-Target	120	40	Soybeans	UNKNOWN AUXIN
	Off-Target	90	1	Unselected	ENGENIA
	Off-Target	38	38	Soybeans	ENGENIA

Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	Yes	Yes	Yes	No
Yes	No	No	No	Yes

Leaf cupping,Node Stacking,Stunting,				7 - 9	E
Leaf cupping,Other-explain in box below,	Affected crop had cupped leaves on new growth and lower leaves,		110	4.2	NW
Leaf cupping,					
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,			3.6	SE
Leaf cupping,Other-explain in box below,	Cupping of leaves, 2-3 trifoliolate of affected plants,				
Leaf cupping,Node Stacking,Other- explain in box below,	Symptom pattern-uniform,				
Leaf cupping,					
Leaf cupping,Growing point inhibition,			9	7	SE
Leaf cupping,Other-explain in box below,	New growth yellow,				
Leaf cupping,Other-explain in box below,	leaf cupping and strapping,				
Leaf cupping,					
Leaf cupping,Stunting,Other-explain in box below,	Symptom pattern - Uniform, Uniform symptoms across entire field with regards to cupping, additional stunting on south end of field approximately 40 acres on White Oak Farm.,				
Leaf cupping,Node Stacking,Stunting,Growing point inhibition,					
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform, some node stacking,			2	S

No	Other	Wind was blowing away from crop, several tree barriers could have attributed to an unusual whirl of wind current.
No		
	Drought	
No	Other	Normal
	Other	tank contamination?

Yes	Yes	Yes	Retailer Applied	No	No
Yes	Yes	Yes	Grower Applied	No	No
				No	No
Yes	Yes	Yes		No	No
				No	No
				No	No
No	No	No		No	Yes
Yes	Yes	Yes		No	No
				No	No
				No	No
				No	No
				No	No
				No	No
Yes	Yes			No	No

No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	Yes	No	No	No

Yes	Other (additional description),	Believe the wind briefly changed direction during application. Pattern typically of drift.
Yes	Other (additional description),	Several tree barriers surrounding field could have caused unpredictable wind movement around field and surrounding areas.,
No		
Yes	Unable to determine based on information provided,Other (additional description),	
No		
Yes	Contamination (tank, system, etc.),Other (additional description),	Appears to be tank contamination from unknown auxin with Liberty application.,
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Possibility that affected field contained a product that would cause cupping when it was sprayed. Wind Direction - Note was made - East Southeast to Southeast. Note was made - Sprayer Pressure - AIM System,
No	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,Other (additional description),	Appears that the owner may have had 2,4-d tank contamination. After walking the neighboring field on which grower was afraid he might have drifted, we determined it was not drift, because of the uniform symptoms throughout the field, and because of leaf strapping.
No		
Yes	Unable to determine based on information provided,Other (additional description),	Entire field shows signs of symptomology with no pattern detected except stunting on south end of the field.
No		
Yes	Contamination (tank, system, etc.),Other (additional description),	Boom contamination used with injection system.

60	15	15	24		Other	TTI11005
	8	20	12		Other	ULD120-05
	14	12	24		Other	TTI11005
	12	15	24		Other	DR110-10

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2018	293005	BLYTHEVILLE	MISSISSIPPI	AR	
2018	295482	NORMAL	MC LEAN	IL	
2018	302626	AUSTIN	SCOTT	IN	38.70
2018	302169	PLAIN CITY	MADISON	OH	
2018	300663	COLUMBUS	ADAMS	IL	
2018	305861	WARRENSBURG	MACON	IL	
2018	296037	WAHOO	SAUNDERS	NE	41.28
2018	299135	LA HARPE	HANCOCK	IL	
2018	295572	BENTON	SCOTT	MO	37.00
2018	300906	WILLIAMSFIELD	KNOX	IL	
2018	297278	UNIONVILLE	PUTNAM	MO	
2018	296710	WESSINGTON SPRINGS	JERAULD	SD	
2018	301818	CLINTON	ROCK	WI	42.42
2018	300907	BASCO	HANCOCK	IL	
2018	296310	HUNTSVILLE	RANDOLPH	MO	
2018	304618	BOLCKOW	ANDREW	MO	
2018	300101	MITCHELL	DAVISON	SD	

	Off-Target	200	2	Soybeans	UNKNOWN AUXIN
	Off-Target	163	70	Soybeans	ENGENIA
-85.75	Off-Target	56	6	Soybeans	ENGENIA
	Off-Target	40	10	Soybeans	ENGENIA
	Off-Target	80	4	Soybeans	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA
-96.54	Off-Target	80	65	Soybeans	ENGENIA
	Off-Target	160	20	Soybeans	ENGENIA
-89.79	Off-Target	310	310	Soybeans	UNKNOWN AUXIN
	Off-Target	80	40	Soybeans	UNKNOWN AUXIN
	Off-Target	100	2	Unselected	ENGENIA
	Off-Target	175	75	Soybeans	UNKNOWN AUXIN
-89.02	Off-Target	110	110	Soybeans	UNKNOWN AUXIN
	Off-Target	70	30	Soybeans	UNKNOWN AUXIN
	Off-Target	17	17	Soybeans	ENGENIA
	Off-Target	300	300	Soybeans	ENGENIA
	Off-Target	160	160	Soybeans	UNKNOWN AUXIN

Yes	No	No	No	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No

Leaf cupping,Stunting,Node Stacking,					
Leaf cupping,Node Stacking,Stunting,Growing point inhibition,				4-5	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Symptomology strongest on S side of field.,				
Leaf cupping,Other-explain in box below,	Pod twisting, Symptom pattern - gradient,				
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Minor cupping,				
Leaf cupping,Node Stacking,Other- explain in box below,	Symptom pattern-gradient,			8	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,			8-10	SW
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,			9	SW
Leaf cupping,Other-explain in box below,Node Stacking,	Mild leaf cupping & crinkling, growing point inhibition, symptoms on newest trifolates,				
Leaf cupping,Node Stacking,					
Leaf cupping,Node Stacking,Stunting,					
Leaf cupping,					
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,				
Leaf cupping,Other-explain in box below,Node Stacking,	symptom pattern-uniform,				
Leaf cupping,				5.8	N
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,				
Leaf cupping,					

	N/A	Uniform symptomology thru both fields. Impossible to tell where it came from.
No		
No		
No		
Yes		
	Other	Engenia not washed out of boom properly
No		

				No	No
Yes	Yes	Yes	Grower Applied	No	No
				No	No
				No	No
				No	No
Yes	Yes	Yes		No	No
Yes	No	No		No	No
Yes		Yes		No	Yes
				No	No
				No	No
				No	No
Yes	Yes	Yes		No	No
				No	No
Yes	Yes	Yes		No	No
				No	No
				No	No

No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	Yes	No	No	No
No	Yes	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes

No		
Yes	Unable to determine based on information provided,Other (additional description),	
Yes	Other (additional description),	
No		
Yes	Other (additional description),	2 different unknown growers,
Yes	Unable to determine based on information provided	
Yes	Other (additional description),	There are some leaves on the top 2 trifoliates that show some downward puckering on about 65 acres. Approximately 15 acres in the SW corner does not show puckering. An area less than 2 acres in the NW corner has some plants with leaves puckered upward. Beans are R1 stage with blooms on most nodes.
No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,Other (additional description),	Uniformities of symptoms suspect temperature inversion, all acres irrigated under center pivot, zero terminal inhibition, newest trifoliates not showing any symptoms, some early node stacking but newest internodes normal spacing.,
Yes	Contamination (tank, system, etc.),Other (additional description),	Unknown Auxin tank contamination with post application on non-GMO soybeans.,
No	Contamination (tank, system, etc.),	
No	Unable to determine based on information provided,	
Yes	Other (additional description),	Temperature Inversion, suspect a neighbor used an auxin herbicide and caused issue.
Yes	Contamination (tank, system, etc.),Other (additional description),	Tank contamination with Liberty applicator,
No		
Yes	Other (additional description),	Call log
No	Unable to determine based on information provided,	

60	10	15	24		TeeJet TTI11004 (Red)	
	14	12	24		Other	TTI11005
50	7	14			Other	TTI1105
50	12	15	24		Other	TTI11005
40		12	20		Other	DR110-10

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2018	299531	MARKLE	WELLS	IN	
2018	295903	DWIGHT	LIVINGSTON	IL	
2018	295918	STREATOR	LA SALLE	IL	
2018	298010	NIANTIC	MACON	IL	39.80
2018	291005	EAST PRAIRIE	MISSISSIPPI	MO	
2018	301683	WESSINGTON SPRINGS	JERAULD	SD	
2018	305474	Iowa Point	DONIPHAN	KS	39.91
2018	300877	GRANTSBORO	PAMLICO	NC	
2018	300658				
2018	305864	WARRENSBURG	MACON	IL	
2018	295516	DONNELSON	LEE	IA	
2018	296125	DWIGHT	LIVINGSTON	IL	
2018	296312	CARROLLTON	CARROLL	MO	
2018	305547	LE ROY	MC LEAN	IL	

	Off-Target	80	30	Soybeans	ENGENIA
	Off-Target	155	155	Soybeans	ENGENIA
	Off-Target	37	37	Soybeans	UNKNOWN AUXIN
-89.20	Off-Target	80	25	Soybeans	ENGENIA
	Off-Target	75	75	Soybeans	UNKNOWN AUXIN
	Off-Target	350	350	Soybeans	UNKNOWN AUXIN
95.23	Off-Target	61	61	Soybeans	UNKNOWN AUXIN
	Off-Target	120	65	Soybeans	ENGENIA
	Off-Target	46	46	Soybeans	ENGENIA
	Off-Target	72	72	Soybeans	ENGENIA
	Off-Target	116	9	Soybeans	UNKNOWN AUXIN
	Off-Target	155	155	Soybeans	UNKNOWN AUXIN
	Off-Target	163	100	Soybeans	ENGENIA
	Off-Target	84	84	Soybeans	ENGENIA

Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes

Leaf cupping,					
Leaf cupping,Stunting,					
Leaf cupping,Other-explain in box below,	Characteristics of a dicamba cupping evident in this field. Walked field with grower but not with adjacent land owners. This grower had a RR2 beans. We discussed symptoms and options.,			Unknown	
Leaf cupping,				4	N
Leaf cupping,Other-explain in box below,	Uniform cupping over entire field, additional cupping on oak trees near shop & garden-damage on pepper plants and blueberries,				
Leaf cupping,Other-explain in box below,	Symptom pattern - gradient,				
Leaf cupping,Stunting,				4-6	SE
Leaf cupping,Stunting,Node Stacking,Other- explain in box below,	Symptom pattern - Gradient,		0	3-4	NE
Leaf cupping,Node Stacking,					
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,			3	SE
Leaf cupping,Node Stacking,					
Leaf cupping,Node Stacking,					
Leaf cupping,Node Stacking,Stunting,				10-32	SW
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-uniform,				

	Other	None
No	Unusual Rainfall	Wet spots in low areas
	Other	Tank Contamination
Yes		
No		
Yes	Other	wind

				No	Yes
				No	No
				No	No
Yes	Yes	Yes		No	No
				No	No
				No	No
Yes	Yes	Yes	Retailer Applied	No	No
				No	Yes
				No	No
				No	No
				No	No
Yes	Yes	Yes	Grower Applied	No	No
				Yes	Yes
				No	No



No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Completed Claim is #296107.
Yes	Other (additional description),	Additional Information-Application Date-Mid-June 2018-Exact Date Unknown,
Yes	Other (additional description),	Excess soil moisture in low areas slowing down recovery from cupping. Lower level of field shows soybeans hurt and stunted by ponding and saturated conditions. More cupping in these areas whereas better drained areas have recovered from cupping.
No		
Yes	Other (additional description),	Call Log,
No	Contamination (tank, system, etc.),	
No	Wind blowing towards sensitive crop,	
Yes	Contamination (tank, system, etc.),Other (additional description),	call log,
Yes	Unable to determine based on information provided	
Yes	Other (additional description),	Observed gradient from South to North of leaf cupping and note stacking from edge to 250 feet North of South edge. Auxin herbicide appears to be introduced 12-14 days prior.,
Yes	Contamination (tank, system, etc.),Other (additional description),	Re-seller provided the spray mix for the grower applied treatment, Re-seller has identified that Dicamba entered the spray mix. (tank contamination),
No	Wind speed too high,Wind blowing towards sensitive crop,	
Yes	Other (additional description),	N/A,

30	12	12	24		Other	TTI11006
		15	24		TeeJet TTI11004 (Red)	
					Other	UR110-10
	14	12	24		Other	TTI11005
					Other	unknown

20
30
15

2018	300648	PRAIRIE CITY	MC DONOUGH	IL	
2018	295626				
2018	291525	WINNSBORO	FRANKLIN	LA	32.09
2018	300923	PEORIA	PEORIA	IL	
2018	305712	WARRENSBURG	MACON	IL	
2018	295243	MANILA	MISSISSIPPI	AR	
2018	305585	MACON	MACON	IL	
2018	305855	WARRENSBURG	MACON	IL	
2018	300593	SAINT JOSEPH	CHAMPAIGN	IL	
2018	300226	WESSINGTON SPRINGS	JERAULD	SD	44.04527902
2018	305853	WARRENSBURG	MACON	IL	
2018	300921	PENN	RAMSEY	ND	48.196303
2018	300929	MONMOUTH	WARREN	IL	
2018	301035	CORYDON	HENDERSON	KY	37.53
2018	300656				
2018	295368	SUFFOLK	SUFFOLK CITY	VA	
2018	295627				
2018	296416				
2018	295563	PAXTON	FORD	IL	
2018	295035	ORAN	SCOTT	MO	36.04
2018	299534	MARKLE	WELLS	IN	
2018	300170	WARREN	HUNTINGTON	IN	

	Off-Target	160	80	Soybeans	UNKNOWN AUXIN
	Off-Target	170	170	Soybeans	ENGENIA
39.87	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	80	80	Soybeans	UNKNOWN AUXIN
	Off-Target	40	40	Soybeans	ENGENIA
	Off-Target	41	41	Soybeans	UNKNOWN AUXIN
	Off-Target	72	60	Soybeans	ENGENIA
	Off-Target	34	34	Soybeans	ENGENIA
	Off-Target	160	40	Soybeans	ENGENIA
98.54223129	Off-Target	565	300	Soybeans	UNKNOWN AUXIN
	Off-Target	60	60	Soybeans	ENGENIA
99.103770	Off-Target	70	20	Soybeans	ENGENIA
	Off-Target	80	20	Soybeans	UNKNOWN AUXIN
-87.52	Off-Target	35	35	Soybeans	ENGENIA
	Off-Target	240	240	Soybeans	ENGENIA
	Off-Target	2	2	Soybeans	UNKNOWN AUXIN
	Off-Target	40	40	Soybeans	UNKNOWN AUXIN
	Off-Target	300	20	Unselected	ENGENIA
	Off-Target	52	15	Soybeans	ENGENIA
-89.80	Off-Target	206	206	Soybeans	UNKNOWN AUXIN
	Off-Target	34	4	Soybeans	UNKNOWN AUXIN
	Off-Target	100	2	Soybeans	ENGENIA

Yes	No	No	No	Yes
Yes	Yes	Yes	Yes	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No

Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,				
Leaf cupping,Node Stacking,Stunting,Growing point inhibition,					
Leaf cupping,Node Stacking,Stunting,Growing point inhibition,					
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,				
Leaf cupping,Node Stacking,Other-explain in box below,	Symptom pattern-gradient,			7	S
Leaf cupping,Other-explain in box below,	crinkled, puckered leaves, very slight cupping,				
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,			6	W
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,			7	N
Leaf cupping,					
Leaf cupping,					
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,			8	W
Leaf cupping,					
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,				
Leaf cupping,Other-explain in box below,	Symptom pattern - uniform Field location in river bottoms,				
Leaf cupping,					
Leaf cupping,					
Leaf cupping,Growing point inhibition,					
Leaf cupping,					
Leaf cupping,				6-7	E
Leaf cupping,					
Leaf cupping,					
Leaf cupping,					

	N/A	Claim 5-31-18-1 Symptomology appeared that wind was blowing towards affected crop
No		
No		
No		
No		
		Did not know applicator or information associated with application of auxin
No		





No		
No		
No	Wind speed too high,Wind blowing towards sensitive crop,	
Yes	Contamination (tank, system, etc.),Other (additional description),	Unknown Auxin-tank contamination of Liberty application.,
Yes	Unable to determine based on information provided	
No	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,	
No		
No	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,	
No		
Yes	Other (additional description),	Unknown Auxin drift appears to be from application to neighboring corn field.,
No	Unable to determine based on information provided,	
No		
No		
No		
No		
No	Unable to determine based on information provided,	
Yes	Other (additional description),	Grower J field is included in this claim. Farm fields (4) border CR 357 & 357 A./leaves cupped throughout fields, all fields walked and inspected with uniform symptoms present. A Grower J field appeared to have additional damage from suspected nematode presence & 6/18/18 Liberty spraying.,
No		
No		

					TeeJet TTI11004 (Red)	
	14	12	24		Other	TTI11005
60	14	14	24		TeeJet TTI11004 (Red)	
	14	12	24		Other	TTI11005
	14	12	24		Other	TTI11005
60	15	15	24		Other	TTI11005

15
15
15
15
10

2018	296422	WYACONDA	CLARK	MO	
2018	298836	MARKLE	WELLS	IN	
2018	300920	MINOT	WARD	ND	47.4563
2018	301693	LARWILL	WHITLEY	IN	
2018	296455	LANCASTER	SCHUYLER	MO	
2018	299823	WARREN	HUNTINGTON	IN	
2018	295629				
2018	301284	KENNETT	DUNKLIN	MO	36.31
2018	295506	AVON	FULTON	IL	
2018	299054				
2018	298838	OSSIAN	WELLS	IN	
2018	302288	FRANKFORD	PIKE	MO	39.3
2018	305862	WARRENSBURG	MACON	IL	
2018	296434	TUNICA	TUNICA	MS	
2018	298834	LYON	COAHOMA	MS	33.16
2018	295199				
2018	300172	LAGRANGE	LAGRANGE	IN	
2018	300269	SIDNEY	CHAMPAIGN	IL	
2018	296215	CAIRO	RANDOLPH	MO	
2018	300171	COLUMBIA CITY	WHITLEY	IN	
2018	295671	MONTEREY	CONCORDIA	LA	

	Off-Target	200	20	Soybeans	ENGENIA
	Off-Target	70	3	Soybeans	ENGENIA
99.5066	Off-Target	140	100	Soybeans	UNKNOWN AUXIN
	Off-Target	80	40	Soybeans	ENGENIA
	Off-Target	1,000	200	Soybeans	ENGENIA
	Off-Target	150	10	Soybeans	ENGENIA
	Off-Target	150	60	Soybeans	UNKNOWN AUXIN
-89.97	Off-Target	40	40	Soybeans	UNKNOWN AUXIN
	Off-Target	80	80	Soybeans	UNKNOWN AUXIN
	Off-Target	74	12	Soybeans	ENGENIA
	Off-Target	75	10	Soybeans	ENGENIA
-91.12	Off-Target	70	1	Soybeans	ENGENIA
	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	500	500	Soybeans	ENGENIA
-90.51	Off-Target	110	110	Potato	UNKNOWN AUXIN
	Off-Target	300	300	Soybeans	UNKNOWN AUXIN
	Off-Target	90	6	Soybeans	ENGENIA
	Off-Target	80	20	Soybeans	ENGENIA
	Off-Target	280	60	Soybeans	ENGENIA
	Off-Target	80	2	Soybeans	ENGENIA
	Off-Target	30	1	Soybeans	UNKNOWN AUXIN

Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No

Leaf cupping,					
Leaf cupping,					
Leaf cupping,					
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,				
Leaf cupping,					
Leaf cupping,					
Leaf cupping,Growing point inhibition,Node Stacking,Stunting,					
Leaf cupping,Other-explain in box below,	Symptom pattern - uniform, Uniform symptoms throughout field and NW side of cypress tree showing signs of symptomology and it is on SE corner of the farm.,				
Leaf cupping,Node Stacking,					
Leaf cupping,					
Leaf cupping,					
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform,			7	SE
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,			8	W
Leaf cupping,Node Stacking,Stunting,					
Leaf cupping,Other-explain in box below,	Symptom pattern-uniform, The affected crop was listed as Sweet Potato. There was also an investigation date of 6/27/18.,				
Leaf cupping,Node Stacking,Stunting,					
Leaf cupping,					
Leaf cupping,					
Leaf cupping,Node Stacking,Stunting,				4.3-9.3	SE
Leaf cupping,					
Leaf cupping,					

No	Other	Contamination-Engenia tied up in sprayer
No		
No		
		Unknown application date, spray records not available

				No	No
				No	No
				No	No
				No	No
				No	No
				No	Yes
				No	No
				No	No
				No	No
No	No	No		No	Yes
				No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
			Grower Applied	No	No
				No	No
				No	No
				No	No
Yes	Yes	Yes	Retailer Applied	No	No
				No	No
				Yes	Yes

No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	Yes
No	No	Yes	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No

No		
No		
No		
No		
No		
No	Wind blowing towards sensitive crop,	
No		
Yes	Unable to determine based on information provided,Other (additional description),	Tree showed signs of symptomology coming from NW.,
Yes	Other (additional description),	Gradient from SW corner of 80-acre corn field. Node stacking is reduced as we move Northeast. Entire field exhibits uniform cupping and leaf puckering.
No	Wind blowing towards sensitive crop,	
No		
Yes	Contamination (tank, system, etc.),Other (additional description),	Engenia tied up in sprayer. Sprayed 590 A then a strip 90 ft. wide and 600 yards. Beans were cupped.,
Yes	Unable to determine based on information provided,	
No	Application during inversion,	
No		
No		
No		
No		
No		
No	Wind speed too high,Wind blowing towards sensitive crop,	

					TeeJet TTI11004 (Red)	
	14	12	24		Other	TTI11005
					Other	DR110-10



2018	300254	RADNOR	DELAWARE	OH	40.43
2018	300327	LA GRANGE	LEWIS	MO	
2018	300147				
2018	305703	WARRENSBURG	MACON	IL	
2018	298835	MARKLE	WELLS	IN	
2018	300898	CORYDON	HENDERSON	KY	37.5
2018	300088	LAKE PROVIDENCE	EAST CARROLL	LA	
2018	305709	WARRENSBURG	MACON	IL	
2018	298839	ROANOKE	HUNTINGTON	IN	
2018	297291	NEWMAN	DOUGLAS	IL	
2018	299179				
2018	300173	CLINTON	ROCK	WI	42.40
2018	297405	BRITT	HANCOCK	IA	43.17
2018	300653	ROCKVILLE	BATES	MO	
2018	305589	DALTON CITY	MOULTRIE	IL	

-83.15	Off-Target	77	10	Soybeans	ENGENIA
	Off-Target	40	3	Soybeans	ENGENIA
	Off-Target	9	9	Soybeans	ENGENIA
	Off-Target	112	69	Soybeans	ENGENIA
	Off-Target	240	7	Soybeans	ENGENIA
-87.50	Off-Target	20	20	Soybeans	ENGENIA
	Off-Target	560	560	Soybeans	UNKNOWN AUXIN
	Off-Target	80	71	Soybeans	ENGENIA
	Off-Target	30	1	Soybeans	ENGENIA
	Off-Target	6	2	Soybeans	UNKNOWN AUXIN
	Off-Target	2	2	Ornamentals	UNKNOWN AUXIN
-89.02	Off-Target	110	110	Soybeans	UNKNOWN AUXIN
-93.82	Off-Target	74	19	Soybeans	ENGENIA
	Off-Target	40	15	Soybeans	ENGENIA
	Off-Target	50	25	Soybeans	ENGENIA

Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes

Leaf cupping,Stunting,Other-explain in box below,	Symptom pattern-gradient, Stunting in first 2 rows on the west side of the field. Cupping found up to the shop.,				
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,			8	W
Leaf cupping,					
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,			8	S
Leaf cupping,					
Leaf cupping,Other-explain in box below,	Symptom pattern - uniform Field Location - River bottoms,				
Leaf cupping,					
Leaf cupping,Node Stacking,Other- explain in box below,	Symptom pattern-gradient,			7	N
Leaf cupping,					
Leaf cupping,Node Stacking,Stunting,					
Leaf cupping,Other-explain in box below,	Browning of bald cypress trees(one side), desiccation of shrubs, limited auxin-like symptoms,				
Leaf cupping,					
Leaf cupping,Other-explain in box below,Stunting,	Symptom pattern-gradient, Stunted beans were present in first 45 feet north of the sprayed field and continued east 400 ft. Leaf cupping started in the SW corner of the affected field and gradually disappeared to the N & E,			2-8	W
Leaf cupping,					
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,			5-7	W

Yes		
No		
No		
No		
	Flood	Flood waters caused beans to have hormone in excess in the plant thus causing cupping or symptomology close to auxin
No		

				No	No
				No	No
				No	No
Yes	Yes	Yes		No	No
				No	No
				No	No
				No	No
Yes	Yes	Yes		No	No
				No	No
				No	No
				No	No
Yes	Yes			No	No
Yes	No	No		No	Yes
				No	No
				No	No



No	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,Other (additional description),	Symptoms appear in gradient across field as if wind was blowing toward sensitive crop.
No	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,Other (additional description),	Wind direction was reported SSW.,
No		
No	Unable to determine based on information provided,	
No		
Yes	Unable to determine based on information provided,	
No		
No		
Yes	Unable to determine based on information provided,	
Yes	Unable to determine based on information provided,Other (additional description),	Field had uniform leaf cupping throughout,
No	Wind blowing towards sensitive crop,	
No		
Yes	Unable to determine based on information provided,	

					Other	TTI11005
					Other	DR110-10
	14	12	24		Other	TTI11005
	14	12	24		Other	TTI11005
50					Other	TTI11005
60	13	13	24		TeeJet TTI11004 (Red)	



2018	295584	ALEXANDER	MORGAN	IL	
2018	295947	CENTERVIEW	JOHNSON	MO	
2018	297086	AMBOY	LEE	IL	41.69
2018	296107	DWIGHT	LIVINGSTON	IL	
2018	300108				
2018	296069	JONESVILLE	CATAHOULA	LA	
2018	298672	BELZONI	HUMPHREYS	MS	33.1153
2018	300647	PRAIRIE CITY	MC DONOUGH	IL	
2018	301256	KENNETT	DUNKLIN	MO	36.29
2018	290965	HUDSON	MC LEAN	IL	

	Off-Target	455	210	Soybeans	ENGENIA
	Off-Target	100	100	Soybeans	ENGENIA
-89.48	Off-Target	58	25	Soybeans	UNKNOWN AUXIN
	Off-Target	80	60	Soybeans	UNKNOWN AUXIN
	Off-Target	320	90	Soybeans	ENGENIA
	Off-Target	160	160	Soybeans	UNKNOWN AUXIN
-90.4742	Off-Target	1,450	1450	Soybeans	UNKNOWN AUXIN
	Off-Target	260	80	Soybeans	ENGENIA
-89.96	Off-Target	109	65	Soybeans	UNKNOWN AUXIN
	Off-Target	1	1	Tomato	ENGENIA

No	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
No	No	No	No	Yes

Leaf cupping,					
Leaf cupping,Other- explain in box below,	Leaf cupping more severe in low lying areas of field,				
Leaf cupping,				6-8	W
Leaf cupping,					
Leaf cupping,Stunting,					
Leaf cupping,Node Stacking,Other- explain in box below,Stunting,	Symptom pattern- uniform, Soybeans looked much better on second visit on 6/27/18. All signs and symptomology point to a temperature inversion. An additional planting date was included of 4/30/18.,				
Leaf cupping,Other- explain in box below,	Symptom pattern- gradient,				
Leaf cupping,Node Stacking,Stunting,Other- explain in box below,	Symptom pattern - Gradient, Dicamba symptomology present and drift pattern easily seen at tree opening in field.,				
Other- explain in box below,	None-Engenia applied 1/2 mile away with wind blowing toward garden,				

	Temparature Inversion	
No		

				No	No
No	No	No	Grower Applied	No	No
No	No	No		No	No
Yes	Yes	Yes	Grower Applied	No	No
				No	No
				Yes	Yes
				No	No
				No	No
				No	Yes
				No	No

No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No

Yes	Other (additional description),	Mark is verifying growers who approved Dicamba to make sure they used Engenia and provide contact information to prepare the service report.,
Yes	Contamination (tank, system, etc.)	
Yes	Other (additional description),	Areas of leaf cupping were indicative of temperature./No names listed for applicator or dealer-coded RTP for applicator./FSR for a grower reported Off-Target complaint directly to me. Grower and I walked the field. The grower suspected damage was from a second application of a dicamba product from one or two neighbors who both had DT beans. This grower had RR2 beans. Damage looked to be from an application made two weeks ago. See FSR for additional details.,
Yes	Contamination (tank, system, etc.),Other (additional description),	Re-seller provided the spray mix for the grower applied treatment. Reseller has identified that dicamba entered the spray mix (a contaminated mix),
No		
No	Wind speed too high,Wind blowing towards sensitive crop,	
No		
No		
Yes	Wind blowing towards sensitive crop,Other (additional description),	Affected area appeared to be exposed from S.E. corner.
No		

					TeeJet TTI11004 (Red)	
40	9	15	24		Other	unknown

20

2018	304225	WALLINGFORD	EMMET	IA	73.25
2018	300169	ROANOKE	HUNTINGTON	IN	
2018	294631	RAYVILLE	RICHLAND	LA	
2018	301267	KENNETT	DUNKLIN	MO	36.33
2018	300246	DELAWARE	DELAWARE	OH	40.33
2018	295748	LE ROY	MC LEAN	IL	40.36
2018	298422	COLFAX	MC LEAN	IL	40.52
2018	301953	COVE CITY	CRAVEN	NC	
2018	296435				
2018	297290	LERNA	COLES	IL	
2018	305544	CLINTON	DE WITT	IL	
2018	300337	LEE	LEE	IL	42.83
2018	300295	ROSSVILLE	VERMILION	IL	
2018	305851	WARRENSBURG	MACON	IL	

-94.91	Off-Target	160	20	Soybeans	ENGENIA
	Off-Target	160	2	Soybeans	ENGENIA
	Off-Target	35	35	Soybeans	UNKNOWN AUXIN
-90.00	Off-Target	74	74	Soybeans	UNKNOWN AUXIN
-83.04	Off-Target	330	179	Soybeans	ENGENIA
-88.74	Off-Target	68	50	Soybeans	ENGENIA
-88.59	Off-Target	157	15	Soybeans	ENGENIA
	Off-Target	30	20	Soybeans	ENGENIA
	Off-Target	1	1	Tomato	UNKNOWN AUXIN
	Off-Target	80	72	Soybeans	UNKNOWN AUXIN
	Off-Target	160	80	Soybeans	ENGENIA
-88.99	Off-Target	68	10	Soybeans	UNKNOWN AUXIN
	Off-Target	300	300	Soybeans	ENGENIA
	Off-Target	40	40	Soybeans	ENGENIA

Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	Yes	Yes	Yes	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes

Leaf cupping,Other-explain in box below,	Symptom pattern-gradient, Leaf cupping prevent on the west edge of the field symptoms began in the SW corner and moved NE, lessening as you move in the field.,			8	SW
Leaf cupping,					
Leaf cupping,Node Stacking,Stunting,Growing point inhibition,					
Leaf cupping,Other-explain in box below,	Symptom pattern - Uniform,				
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,			5-7	SE
Leaf cupping,			12	3-6	E
Leaf cupping,Other-explain in box below,	Leaves cupped on northeast corner of field showing pattern as coming from Reeves applied field.,			8	W
Leaf cupping,Stunting,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,				
Leaf cupping,Stunting,Node Stacking,					
Leaf cupping,Node Stacking,					
Leaf cupping,Node Stacking,Other-explain in box below,	Symptom pattern-gradient,				
Leaf cupping,Other-explain in box below,	Leaf cupping adjacent to southside of field and waterway edges.,				
Leaf cupping,					
Leaf cupping,Node Stacking,Other-explain in box below,	Symptom pattern-gradient,			6	W

Yes		
Yes		
No	Other	Excellent
	Other	Unknown
No		
No		

				No	Yes
				No	No
				No	Yes
				No	No
				No	Yes
Yes				No	No
Yes	Yes	Yes		No	Yes
				No	No
				No	No
				No	No
				No	No
Yes		Yes		No	Yes
Yes	Yes			No	No
Yes	Yes	Yes		No	No

No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes

No	Wind blowing towards sensitive crop,	
No		
No	Wind blowing towards sensitive crop,	
Yes	Unable to determine based on information provided,Other (additional description),	No detectable pattern or direction of source.,
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Spray Mix Logs Attached. First one is Engenia Mix,
Yes	Wind blowing towards sensitive crop,Other (additional description),	Wind shift to NW during or soon after application. (As per weather history)
No		
No		
No		
Yes	Other (additional description),	None,
Yes	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Discovered sprayer skips in affected field leading to tank contamination as the cause.,
Yes	Unable to determine based on information provided,Other (additional description),	Wind direction reported WSW.,

		15			Other	TTI11006
					Other	TTI11005
					Other	Unknown
65	13	15	24		Other	TTI11005
					TeeJet TTI11004 (Red)	
	14	12	24		Other	TTI11005

20
15

2018	295798	TIPTON	CEDAR	IA	41.68
2018	295889	MARCUS	CHEROKEE	IA	
2018	299183	GARRISON	BENTON	IA	42.13
2018	300288	OAKLAND	COLES	IL	
2018	297492	EFFINGHAM	ATCHISON	KS	
2018	295210	BLYTHEVILLE	MISSISSIPPI	AR	36.00
2018	301056	CHAMPAIGN	CHAMPAIGN	IL	
2018	300276	POTOMAC	VERMILION	IL	
2018	300292	PARIS	EDGAR	IL	
2018	300107	MONTPELIER	BLACKFORD	IN	
2018	295296	DELAVAN	TAZEWELL	IL	
2018	297488	EFFINGHAM	ATCHISON	KS	
2018	298465	MONROE	ADAMS	IN	
2018	300015	LONDON	MADISON	OH	
2018	299926	MARYVILLE	NODAWAY	MO	
2018	299228	HUDSON	MC LEAN	IL	40.60

-91.08	Off-Target	71	60	Soybeans	ENGENIA
	Off-Target	160	80	Soybeans	UNKNOWN AUXIN
-92.13	Off-Target	152	75	Soybeans	ENGENIA
	Off-Target	40	20	Soybeans	ENGENIA
	Off-Target	36	36	Soybeans	UNKNOWN AUXIN
-89.92	Off-Target	80	80	Soybeans	UNKNOWN AUXIN
	Off-Target	120	20	Soybeans	ENGENIA
	Off-Target	200	30	Soybeans	ENGENIA
	Off-Target	120	30	Soybeans	ENGENIA
	Off-Target	187	5	Soybeans	ENGENIA
	Off-Target	483	483	Soybeans	ENGENIA
	Off-Target	80	52	Soybeans	UNKNOWN AUXIN
	Off-Target	100	15	Soybeans	ENGENIA
	Off-Target	223	30	Soybeans	ENGENIA
	Off-Target	99	30	Soybeans	ENGENIA
-88.97	Off-Target	77	10	Soybeans	ENGENIA



Leaf cupping,Other-explain in box below,	Leaf cupping strongest along west fence of affected field. Symptoms became lighter to the North and East. SE corner of affected field shows little to no symptomatology.,			6-8	SW
Leaf cupping,Other-explain in box below,Stunting,	Brownish/bronze leaves,				
Leaf cupping,				19	E
Leaf cupping,					
Leaf cupping,			0		
Leaf cupping,					
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,				
Leaf cupping,					
Leaf cupping,					
Leaf cupping,					
Leaf cupping,					
Leaf cupping,					
Leaf cupping,					
Leaf cupping,					
Leaf cupping,					
Leaf cupping,				7-9	NW
Leaf cupping,Node Stacking,Stunting,				3-6	W
Leaf cupping,Other-explain in box below,	Field cupped on north side. Engenia field applied across road to the north.,				

Yes		
No	Other	tank contamination-Engenia sprayed in prior applied field
No		
No		
No	N/A	AIM command system in use, no Wilgar adapters
Yes	N/A	

Yes	Yes			No	Yes
				No	No
Yes	Yes			No	No
No	No	No		No	No
No	No	No		No	Yes
				No	No
				No	No
No	No	No		No	No
No	No	No		No	No
				No	No
				No	No
No	No	No		No	No
				No	No
Yes		Yes	Grower Applied	No	No
Yes	Yes	Yes	Grower Applied	Yes	Yes
				No	No

No	No	No	No	No
No	No	No	No	No
No	Yes	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	No	No	No	Yes
No	No	No	No	No
Yes	No	No	No	No
No	No	No	No	No
No	No	No	No	No

Yes	Wind blowing towards sensitive crop,Other (additional description),	Distance from Target Site - Affected field is adjacent applied to field with Engenia,
No		
Yes	Contamination (tank, system, etc.),Other (additional description),	sprayer tank contamination,
No		
Yes	Wind blowing towards sensitive crop,Other (additional description),Unable to determine based on information provided,	Appeared to be a target field that was sprayed with an auxin directly South, across the road from affected field. Uniform symptomology would support off-target movement from neighboring field,
No		
No		
No		
No		
No		
Yes	Other (additional description),	Dirk reporting all his Liberty soybeans are cupped in five fields. This irrigated area raises a large seed corn production of which practically all is applied with a Dicamba product. Engenia applied as well as Extend; Max. He alleges his symptoms come from multiple products. No FSR planned unless more specifics given.,
Yes	Unable to determine based on information provided,Other (additional description),	Affected grower reported to me. After investigation,
No		
No	Incorrect nozzle,	
No	Wind speed too high,Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Grower did not want me to document the farmer who applied Engenia. Grower noted that farmer applying Engenia applied it correctly. Wind blowing away from his sensitive crop. He wanted his field documented that it had cupped leaves coming from an Engenia applied field. Affected crop: Non Dicamba food grade soybeans.,

[illegible]



2018	295677	KEWANEE	HENRY	IL	
2018	299532	MARKLE	WELLS	IN	
2018	301952	CRESWELL	WASHINGTON	NC	
2018	300086	LAKE PROVIDENCE	EAST CARROLL	LA	
2018	302624	AUSTIN	SCOTT	IN	38.79
2018	299325	STREATOR	LA SALLE	IL	41.18
2018	301695	COLUMBIA CITY	WHITLEY	IN	
2018	300168	VAN BUREN	GRANT	IN	
2018	297226	PENDLETON	MADISON	IN	39.96
2018	295568	BENTON	SCOTT	MO	36.99
2018	294620	NORMAL	MC LEAN	IL	
2018	295189	YORK	YORK	NE	40.67
2018	300928	SCIOTA	MC DONOUGH	IL	
2018	305700	WARRENSBURG	MACON	IL	
2018	300082	LAKE PROVIDENCE	EAST CARROLL	LA	
2018	300167	COLUMBIA CITY	WHITLEY	IN	

	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	80	15	Soybeans	ENGENIA
	Off-Target	80	45	Soybeans	ENGENIA
	Off-Target	400	400	Soybeans	UNKNOWN AUXIN
-85.69	Off-Target	25	4	Soybeans	ENGENIA
-88.80	Off-Target	81	9	Soybeans	UNKNOWN AUXIN
	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	90	8	Soybeans	ENGENIA
-85.69	Off-Target	38	38	Soybeans	ENGENIA
-89.75	Off-Target	160	160	Soybeans	UNKNOWN AUXIN
	Off-Target	102	40	Soybeans	ENGENIA
-97.77	Off-Target	70	10	Soybeans	ENGENIA
	Off-Target	80	80	Soybeans	ENGENIA
	Off-Target	70	40	Soybeans	ENGENIA
	Off-Target	600	256	Soybeans	UNKNOWN AUXIN
	Off-Target	80	2	Soybeans	ENGENIA

Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	Yes	Yes	Yes	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	No
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	Yes
Yes	No	No	No	No

Leaf cupping,					
Leaf cupping,					
Leaf cupping,Other-explain in box below,Node Stacking,Stunting,	Symptom pattern-gradient,				
Leaf cupping,					
Leaf cupping,Other-explain in box below,Growing point inhibition,	Symptom pattern-gradient, East side of field showed growing points blown to a gradual reduction of symptoms as you move west in the field.,				
Leaf cupping,Other-explain in box below,	Earlier leaf cupping way down in the canopy. Recover well along. Affected grower asked Helena to please report previous symptoms.,		0		
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,				
Leaf cupping,					
Leaf cupping,				7	SW
Leaf cupping,Other-explain in box below,Node Stacking,	Mild leaf cupping & crinkling, growing point inhibition, symptoms on newest trifoliates.,				
Leaf cupping,			0	5	NE
Leaf cupping,Other-explain in box below,	Symptom pattern-gradient,			5.2-7.6	NW
Leaf cupping,Node Stacking,Stunting,Other-explain in box below,	Symptom pattern-uniform,				
Leaf cupping,Other-explain in box below,Node Stacking,	Symptom pattern-gradient,			8	S
Leaf cupping,Other-explain in box below,	strapping/ slight auxin symptoms,				
Leaf cupping,					

	Other	Unknown
No	Temparature Inversion	
	Other	normal
No	Other	None
No		

				No	No
				No	Yes
				No	No
				No	No
				No	No
Yes	Yes	Yes		No	No
				No	No
				No	No
Yes	Yes	No		No	No
				No	No
Yes	Yes	Yes		No	No
Yes	Yes	Yes		No	No
Yes	Yes			No	No
Yes	Yes	Yes		No	No
				No	No
				No	No



No		
No	Wind blowing towards sensitive crop,	
Yes	Other (additional description),	Call log,
No		
Yes		
Yes	Other (additional description),	Not sure, insufficient info, late call. Looks like early on this field may have had some cupping.
No		
No		
Yes	Other (additional description),	Temperature inversion along creek. 38LE02 Stine seed beans,
Yes	Unable to determine based on information provided,Other (additional description),	Uniform symptoms suspect temperature inversion, all acres affected irrigated center pivot, zero terminal inhibition, newest trifoliates showing no symptoms, early node stacking, newest internodes normal spacing,
Yes	Other (additional description),	variable wind direction during application,
Yes	Unable to determine based on information provided,Other (additional description),	Suspect a different appln or other environmental cause. Wind direction NW blowing SE (opposite direction-unlimited),
Yes	Contamination (tank, system, etc.),Other (additional description),	Tank contamination on Liberty soybeans.,
Yes	Unable to determine based on information provided,	
No		
No		

					Other	TTI11003
					Other	TTI11005
35	11	15	18		TeeJet TTI11004 (Red)	
					Other	TTI11005
	14	12	24		Other	TTI11005

